

ANALYTICAL REPORT

Job Number: 240-36937-1

Job Description: EMD Millipore

For:

TRC Environmental Corp-Payne Firm
11231 Cornell Park Drive

Cincinnati, OH 45242

Attention: Curt Kugler



Approved for release.
Patrick J O'Meara
Manager of Project Management
5/19/2014 10:44 AM

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05/19/2014

cc: Steve Rolfs
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The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

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CASE NARRATIVE

Client: TRC Environmental Corp-Payne Firm

Project: EMD Millipore

Report Number: 240-36937-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 5/7/2014 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples MW015BR/050614 (240-36937-1), MW015R/050614 (240-36937-2), MW044/050614 (240-36937-3), MW031A/050614 (240-36937-4), MW031D/050614 (240-36937-5), MW041/050614 (240-36937-6), MW001R/050614 (240-36937-7), MW001AR/050614 (240-36937-8), MW021A/050614 (240-36937-9), MW030/050614 (240-36937-10), MW025/050614 (240-36937-11) and TB01/050614 (240-36937-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/13/2014, 05/14/2014 and 05/15/2014.

Methylene Chloride was detected in method blank MB 240-130687/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone and Methylene Chloride were detected in method blank MB 240-130826/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 130826 recovered outside control limits for the following analyte: Vinyl acetate. Vinyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Samples MW015BR/050614 (240-36937-1)[5X], MW015R/050614 (240-36937-2)[25X], MW031A/050614 (240-36937-4)[16.67X] and MW031D/050614 (240-36937-5)[6.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was submitted for volatile analysis with insufficient preservation (pH>2): MW001AR/050614 (240-36937-8).

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-36937-1	MW015BR/050614	Water	05/06/2014 1025	05/07/2014 0920
240-36937-2	MW015R/050614	Water	05/06/2014 1115	05/07/2014 0920
240-36937-3	MW044/050614	Water	05/06/2014 1235	05/07/2014 0920
240-36937-4	MW031A/050614	Water	05/06/2014 1355	05/07/2014 0920
240-36937-5	MW031D/050614	Water	05/06/2014 1350	05/07/2014 0920
240-36937-6	MW041/050614	Water	05/06/2014 0000	05/07/2014 0920
240-36937-7	MW001R/050614	Water	05/06/2014 1340	05/07/2014 0920
240-36937-8	MW001AR/050614	Water	05/06/2014 1450	05/07/2014 0920
240-36937-9	MW021A/050614	Water	05/06/2014 1015	05/07/2014 0920
240-36937-10	MW030/050614	Water	05/06/2014 1225	05/07/2014 0920
240-36937-11	MW025/050614	Water	05/06/2014 1100	05/07/2014 0920
240-36937-12TB	TB01/050614	Water	05/06/2014 0000	05/07/2014 0920

EXECUTIVE SUMMARY - Detections

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-36937-1 MW015BR/050614						
Acetone		39	J B	50	ug/L	8260B
2-Butanone		3.4	J	50	ug/L	8260B
1,2-Dichloroethane		110		5.0	ug/L	8260B
1,4-Dioxane		630		250	ug/L	8260B
Methylene Chloride		5.7	B	5.0	ug/L	8260B
Trichloroethene		4.2	J	5.0	ug/L	8260B
Vinyl chloride		2.1	J	5.0	ug/L	8260B
240-36937-2 MW015R/050614						
Benzene		12	J	25	ug/L	8260B
Carbon tetrachloride		8.8	J	25	ug/L	8260B
Chloroform		120		25	ug/L	8260B
cis-1,2-Dichloroethene		120		25	ug/L	8260B
1,1-Dichloroethane		22	J	25	ug/L	8260B
1,2-Dichloroethane		610		25	ug/L	8260B
1,2-Dichloroethene, Total		130		50	ug/L	8260B
1,4-Dioxane		1100	J	1300	ug/L	8260B
Methylene Chloride		8.4	J B	25	ug/L	8260B
1,1,2,2-Tetrachloroethane		23	J	25	ug/L	8260B
Tetrachloroethene		64		25	ug/L	8260B
trans-1,2-Dichloroethene		9.9	J	25	ug/L	8260B
1,1,1-Trichloroethane		9.9	J	25	ug/L	8260B
Trichloroethene		650		25	ug/L	8260B
Vinyl chloride		8.3	J	25	ug/L	8260B
240-36937-4 MW031A/050614						
Benzene		7.5	J	17	ug/L	8260B
cis-1,2-Dichloroethene		390		17	ug/L	8260B
1,2-Dichloroethane		39		17	ug/L	8260B
1,2-Dichloroethene, Total		390		33	ug/L	8260B
1,4-Dioxane		8700		830	ug/L	8260B
Methylene Chloride		7.2	J B	17	ug/L	8260B
Tetrachloroethene		140		17	ug/L	8260B
Trichloroethene		500		17	ug/L	8260B
Vinyl chloride		110		17	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-36937-5	MW031D/050614					
cis-1,2-Dichloroethene		80		6.7	ug/L	8260B
1,2-Dichloroethane		95		6.7	ug/L	8260B
1,2-Dichloroethene, Total		80		13	ug/L	8260B
1,4-Dioxane		1700		330	ug/L	8260B
Methylene Chloride		2.5	J B	6.7	ug/L	8260B
Tetrachloroethene		2.3	J	6.7	ug/L	8260B
Trichloroethene		31		6.7	ug/L	8260B
Vinyl chloride		14		6.7	ug/L	8260B
240-36937-6	MW041/050614					
2-Butanone		0.80	J	10	ug/L	8260B
Toluene		0.16	J	1.0	ug/L	8260B
240-36937-8	MW001AR/050614					
2-Butanone		0.78	J	10	ug/L	8260B
Carbon disulfide		0.14	J	1.0	ug/L	8260B
240-36937-9	MW021A/050614					
2-Butanone		1.1	J	10	ug/L	8260B
Carbon disulfide		0.43	J	1.0	ug/L	8260B
240-36937-10	MW030/050614					
1,4-Dioxane		33	J	50	ug/L	8260B
Trichloroethene		0.44	J	1.0	ug/L	8260B
240-36937-11	MW025/050614					
1,4-Dioxane		61		50	ug/L	8260B
Trichloroethene		0.18	J	1.0	ug/L	8260B
240-36937-12TB	TB01/050614					
1,4-Dioxane		21	J	50	ug/L	8260B

METHOD SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CAN	SW846 8260B	
Purge and Trap	TAL CAN		SW846 5030B

Lab References:

TAL CAN = TestAmerica Canton

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method	Analyst	Analyst ID
SW846 8260B	Evans, Laura	LEE
SW846 8260B	Williams, Larry	LRW

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW015BR/050614

Lab Sample ID: 240-36937-1

Date Sampled: 05/06/2014 1025

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3405.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1859			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1859				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	39	J B	5.5	50
Acetonitrile	ND		18	100
Acrolein	ND		11	100
Acrylonitrile	ND		10	100
Benzene	ND		0.65	5.0
Bromodichloromethane	ND		0.75	5.0
Bromoform	ND		3.2	5.0
Bromomethane	ND		2.1	5.0
2-Butanone	3.4	J	2.9	50
Carbon disulfide	ND		0.65	5.0
Carbon tetrachloride	ND		0.65	5.0
Chlorobenzene	ND		0.75	5.0
Chloroethane	ND		1.5	5.0
Chloroform	ND		0.80	5.0
Chloromethane	ND		1.5	5.0
Chloroprene	ND		1.5	10
3-Chloro-1-propene	ND		1.8	10
cis-1,2-Dichloroethene	ND		0.85	5.0
cis-1,3-Dichloropropene	ND		0.70	5.0
Dibromochloromethane	ND		0.90	5.0
1,2-Dibromo-3-Chloropropane	ND		3.4	10
Dibromomethane	ND		1.4	5.0
Dichlorodifluoromethane	ND		1.6	5.0
1,1-Dichloroethane	ND		0.75	5.0
1,2-Dichloroethane	110		1.1	5.0
1,1-Dichloroethene	ND		0.95	5.0
1,2-Dichloroethene, Total	ND		0.85	10
1,2-Dichloropropane	ND		0.90	5.0
1,4-Dioxane	630		95	250
Ethylbenzene	ND		0.85	5.0
Ethylene Dibromide	ND		1.2	5.0
Ethyl methacrylate	ND		0.70	5.0
2-Hexanone	ND		2.1	50
Iodomethane	ND		0.90	5.0
Isobutanol	ND		41	250
Methacrylonitrile	ND		2.6	10
Methylene Chloride	5.7	B	1.7	5.0
Methyl methacrylate	ND		2.5	10
4-Methyl-2-pentanone (MIBK)	ND		1.6	50
Propionitrile	ND		6.0	20
Styrene	ND		0.55	5.0
1,1,1,2-Tetrachloroethane	ND		1.2	5.0
1,1,2,2-Tetrachloroethane	ND		0.90	5.0
Tetrachloroethene	ND		1.5	5.0
Toluene	ND		0.65	5.0
trans-1,4-Dichloro-2-butene	ND		0.75	5.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW015BR/050614**

Lab Sample ID: 240-36937-1

Date Sampled: 05/06/2014 1025

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3405.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1859			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1859				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.95	5.0
trans-1,3-Dichloropropene	ND		0.95	5.0
1,1,1-Trichloroethane	ND		1.1	5.0
1,1,2-Trichloroethane	ND		1.4	5.0
Trichloroethylene	4.2	J	0.85	5.0
Trichlorofluoromethane	ND		1.1	5.0
1,2,3-Trichloropropane	ND		2.2	5.0
Vinyl acetate	ND	*	0.95	10
Vinyl chloride	2.1	J	1.1	5.0
Xylenes, Total	ND		0.70	10
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene (Surr)	83		66 - 120	
Dibromofluoromethane (Surr)	98		75 - 121	
1,2-Dichloroethane-d4 (Surr)	99		63 - 129	
Toluene-d8 (Surr)	90		74 - 120	

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW015R/050614

Lab Sample ID: 240-36937-2
Client Matrix: Water

Date Sampled: 05/06/2014 1115
Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3406.D
Dilution:	25			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1921			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1921				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		28	250
Acetonitrile	ND		88	500
Acrolein	ND		55	500
Acrylonitrile	ND		50	500
Benzene	12	J	3.3	25
Bromodichloromethane	ND		3.8	25
Bromoform	ND		16	25
Bromomethane	ND		10	25
2-Butanone	ND		14	250
Carbon disulfide	ND		3.3	25
Carbon tetrachloride	8.8	J	3.3	25
Chlorobenzene	ND		3.8	25
Chloroethane	ND		7.3	25
Chloroform	120		4.0	25
Chloromethane	ND		7.5	25
Chloroprene	ND		7.3	50
3-Chloro-1-propene	ND		8.8	50
cis-1,2-Dichloroethene	120		4.3	25
cis-1,3-Dichloropropene	ND		3.5	25
Dibromochloromethane	ND		4.5	25
1,2-Dibromo-3-Chloropropane	ND		17	50
Dibromomethane	ND		7.0	25
Dichlorodifluoromethane	ND		7.8	25
1,1-Dichloroethane	22	J	3.8	25
1,2-Dichloroethane	610		5.5	25
1,1-Dichloroethene	ND		4.8	25
1,2-Dichloroethene, Total	130		4.3	50
1,2-Dichloropropane	ND		4.5	25
1,4-Dioxane	1100	J	480	1300
Ethylbenzene	ND		4.3	25
Ethylene Dibromide	ND		6.0	25
Ethyl methacrylate	ND		3.5	25
2-Hexanone	ND		10	250
Iodomethane	ND		4.5	25
Isobutanol	ND		210	1300
Methacrylonitrile	ND		13	50
Methylene Chloride	8.4	J B	8.3	25
Methyl methacrylate	ND		12	50
4-Methyl-2-pentanone (MIBK)	ND		8.0	250
Propionitrile	ND		30	100
Styrene	ND		2.8	25
1,1,1,2-Tetrachloroethane	ND		5.8	25
1,1,2,2-Tetrachloroethane	23	J	4.5	25
Tetrachloroethene	64		7.3	25
Toluene	ND		3.3	25
trans-1,4-Dichloro-2-butene	ND		3.8	25

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW015R/050614

Lab Sample ID: 240-36937-2

Date Sampled: 05/06/2014 1115

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3406.D
Dilution:	25			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1921			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1921				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	9.9	J	4.8	25
trans-1,3-Dichloropropene	ND		4.8	25
1,1,1-Trichloroethane	9.9	J	5.5	25
1,1,2-Trichloroethane	ND		6.8	25
Trichloroethylene	650		4.3	25
Trichlorofluoromethane	ND		5.3	25
1,2,3-Trichloropropane	ND		11	25
Vinyl acetate	ND	*	4.8	50
Vinyl chloride	8.3	J	5.5	25
Xylenes, Total	ND		3.5	50

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 120
Dibromofluoromethane (Surr)	94		75 - 121
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
Toluene-d8 (Surr)	92		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW044/050614**

Lab Sample ID: 240-36937-3

Date Sampled: 05/06/2014 1235

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8340.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2348			Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW044/050614**

Lab Sample ID: 240-36937-3

Date Sampled: 05/06/2014 1235

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8340.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2348			Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	76		66 - 120
Dibromofluoromethane (Surr)	86		75 - 121
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
Toluene-d8 (Surr)	87		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW031A/050614**

Lab Sample ID: 240-36937-4

Date Sampled: 05/06/2014 1355

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3407.D
Dilution:	16.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1943			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1943				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		18	170
Acetonitrile	ND		58	330
Acrolein	ND		37	330
Acrylonitrile	ND		33	330
Benzene	7.5	J	2.2	17
Bromodichloromethane	ND		2.5	17
Bromoform	ND		11	17
Bromomethane	ND		6.8	17
2-Butanone	ND		9.5	170
Carbon disulfide	ND		2.2	17
Carbon tetrachloride	ND		2.2	17
Chlorobenzene	ND		2.5	17
Chloroethane	ND		4.8	17
Chloroform	ND		2.7	17
Chloromethane	ND		5.0	17
Chloroprene	ND		4.8	33
3-Chloro-1-propene	ND		5.8	33
cis-1,2-Dichloroethene	390		2.8	17
cis-1,3-Dichloropropene	ND		2.3	17
Dibromochloromethane	ND		3.0	17
1,2-Dibromo-3-Chloropropane	ND		11	33
Dibromomethane	ND		4.7	17
Dichlorodifluoromethane	ND		5.2	17
1,1-Dichloroethane	ND		2.5	17
1,2-Dichloroethane	39		3.7	17
1,1-Dichloroethene	ND		3.2	17
1,2-Dichloroethene, Total	390		2.8	33
1,2-Dichloropropane	ND		3.0	17
1,4-Dioxane	8700		320	830
Ethylbenzene	ND		2.8	17
Ethylene Dibromide	ND		4.0	17
Ethyl methacrylate	ND		2.3	17
2-Hexanone	ND		6.8	170
Iodomethane	ND		3.0	17
Isobutanol	ND		140	830
Methacrylonitrile	ND		8.5	33
Methylene Chloride	7.2	J B	5.5	17
Methyl methacrylate	ND		8.2	33
4-Methyl-2-pentanone (MIBK)	ND		5.3	170
Propionitrile	ND		20	67
Styrene	ND		1.8	17
1,1,1,2-Tetrachloroethane	ND		3.8	17
1,1,2,2-Tetrachloroethane	ND		3.0	17
Tetrachloroethene	140		4.8	17
Toluene	ND		2.2	17
trans-1,4-Dichloro-2-butene	ND		2.5	17

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW031A/050614

Lab Sample ID: 240-36937-4

Date Sampled: 05/06/2014 1355

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3407.D
Dilution:	16.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1943			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1943				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		3.2	17
trans-1,3-Dichloropropene	ND		3.2	17
1,1,1-Trichloroethane	ND		3.7	17
1,1,2-Trichloroethane	ND		4.5	17
Trichloroethylene	500		2.8	17
Trichlorofluoromethane	ND		3.5	17
1,2,3-Trichloropropane	ND		7.2	17
Vinyl acetate	ND	*	3.2	33
Vinyl chloride	110		3.7	17
Xylenes, Total	ND		2.3	33

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		66 - 120
Dibromofluoromethane (Surr)	98		75 - 121
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
Toluene-d8 (Surr)	95		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW031D/050614

Lab Sample ID: 240-36937-5

Date Sampled: 05/06/2014 1350

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3408.D
Dilution:	6.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 2005			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 2005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		7.3	67
Acetonitrile	ND		23	130
Acrolein	ND		15	130
Acrylonitrile	ND		13	130
Benzene	ND		0.87	6.7
Bromodichloromethane	ND		1.0	6.7
Bromoform	ND		4.3	6.7
Bromomethane	ND		2.7	6.7
2-Butanone	ND		3.8	67
Carbon disulfide	ND		0.87	6.7
Carbon tetrachloride	ND		0.87	6.7
Chlorobenzene	ND		1.0	6.7
Chloroethane	ND		1.9	6.7
Chloroform	ND		1.1	6.7
Chloromethane	ND		2.0	6.7
Chloroprene	ND		1.9	13
3-Chloro-1-propene	ND		2.3	13
cis-1,2-Dichloroethene	80		1.1	6.7
cis-1,3-Dichloropropene	ND		0.93	6.7
Dibromochloromethane	ND		1.2	6.7
1,2-Dibromo-3-Chloropropane	ND		4.5	13
Dibromomethane	ND		1.9	6.7
Dichlorodifluoromethane	ND		2.1	6.7
1,1-Dichloroethane	ND		1.0	6.7
1,2-Dichloroethane	95		1.5	6.7
1,1-Dichloroethene	ND		1.3	6.7
1,2-Dichloroethene, Total	80		1.1	13
1,2-Dichloropropane	ND		1.2	6.7
1,4-Dioxane	1700		130	330
Ethylbenzene	ND		1.1	6.7
Ethylene Dibromide	ND		1.6	6.7
Ethyl methacrylate	ND		0.93	6.7
2-Hexanone	ND		2.7	67
Iodomethane	ND		1.2	6.7
Isobutanol	ND		55	330
Methacrylonitrile	ND		3.4	13
Methylene Chloride	2.5	J B	2.2	6.7
Methyl methacrylate	ND		3.3	13
4-Methyl-2-pentanone (MIBK)	ND		2.1	67
Propionitrile	ND		8.0	27
Styrene	ND		0.73	6.7
1,1,1,2-Tetrachloroethane	ND		1.5	6.7
1,1,2,2-Tetrachloroethane	ND		1.2	6.7
Tetrachloroethene	2.3	J	1.9	6.7
Toluene	ND		0.87	6.7
trans-1,4-Dichloro-2-butene	ND		1.0	6.7

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW031D/050614

Lab Sample ID: 240-36937-5

Date Sampled: 05/06/2014 1350

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXR3408.D
Dilution:	6.67			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 2005			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 2005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		1.3	6.7
trans-1,3-Dichloropropene	ND		1.3	6.7
1,1,1-Trichloroethane	ND		1.5	6.7
1,1,2-Trichloroethane	ND		1.8	6.7
Trichloroethylene	31		1.1	6.7
Trichlorofluoromethane	ND		1.4	6.7
1,2,3-Trichloropropane	ND		2.9	6.7
Vinyl acetate	ND	*	1.3	13
Vinyl chloride	14		1.5	6.7
Xylenes, Total	ND		0.93	13
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene (Surr)	85		66 - 120	
Dibromofluoromethane (Surr)	98		75 - 121	
1,2-Dichloroethane-d4 (Surr)	99		63 - 129	
Toluene-d8 (Surr)	92		74 - 120	

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW041/050614

Lab Sample ID: 240-36937-6

Date Sampled: 05/06/2014 0000

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8341.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0012			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0012				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	0.80	J	0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	0.16	J	0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW041/050614

Lab Sample ID: 240-36937-6

Date Sampled: 05/06/2014 0000

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8341.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0012			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0012				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	79		66 - 120
Dibromofluoromethane (Surr)	99		75 - 121
1,2-Dichloroethane-d4 (Surr)	82		63 - 129
Toluene-d8 (Surr)	85		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW001R/050614

Lab Sample ID: 240-36937-7

Date Sampled: 05/06/2014 1340

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8342.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0035			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0035				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW001R/050614**

Lab Sample ID: 240-36937-7

Date Sampled: 05/06/2014 1340

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8342.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0035			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0035				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	79		66 - 120
Dibromofluoromethane (Surr)	88		75 - 121
1,2-Dichloroethane-d4 (Surr)	80		63 - 129
Toluene-d8 (Surr)	88		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW001AR/050614

Lab Sample ID: 240-36937-8

Date Sampled: 05/06/2014 1450

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8252.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2014 0042			Final Weight/Volume:	5 mL
Prep Date:	05/13/2014 0042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	0.78	J	0.57	10
Carbon disulfide	0.14	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW001AR/050614**

Lab Sample ID: 240-36937-8

Date Sampled: 05/06/2014 1450

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8252.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2014 0042			Final Weight/Volume:	5 mL
Prep Date:	05/13/2014 0042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84		66 - 120
Dibromofluoromethane (Surr)	88		75 - 121
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
Toluene-d8 (Surr)	86		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW021A/050614

Lab Sample ID: 240-36937-9

Date Sampled: 05/06/2014 1015

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8343.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0058			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	1.1	J	0.57	10
Carbon disulfide	0.43	J	0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW021A/050614**

Lab Sample ID: 240-36937-9

Date Sampled: 05/06/2014 1015

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8343.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0058			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene (Surr)	76		66 - 120	
Dibromofluoromethane (Surr)	86		75 - 121	
1,2-Dichloroethane-d4 (Surr)	78		63 - 129	
Toluene-d8 (Surr)	86		74 - 120	

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW030/050614

Lab Sample ID: 240-36937-10

Date Sampled: 05/06/2014 1225

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8344.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0122			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	33	J	19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW030/050614**

Lab Sample ID: 240-36937-10

Date Sampled: 05/06/2014 1225

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8344.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0122			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	0.44	J	0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
4-Bromofluorobenzene (Surr)	76		66 - 120	
Dibromofluoromethane (Surr)	84		75 - 121	
1,2-Dichloroethane-d4 (Surr)	79		63 - 129	
Toluene-d8 (Surr)	86		74 - 120	

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: MW025/050614

Lab Sample ID: 240-36937-11

Date Sampled: 05/06/2014 1100

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8345.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0145			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	61		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: **MW025/050614**

Lab Sample ID: 240-36937-11

Date Sampled: 05/06/2014 1100

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8345.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0145			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	0.18	J	0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	75		66 - 120
Dibromofluoromethane (Surr)	85		75 - 121
1,2-Dichloroethane-d4 (Surr)	79		63 - 129
Toluene-d8 (Surr)	86		74 - 120

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: TB01/050614

Lab Sample ID: 240-36937-12TB

Date Sampled: 05/06/2014 0000

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8346.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0208			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0208				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	21	J	19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0
trans-1,4-Dichloro-2-butene	ND		0.15	1.0

Analytical Data

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Client Sample ID: TB01/050614

Lab Sample ID: 240-36937-12TB

Date Sampled: 05/06/2014 0000

Client Matrix: Water

Date Received: 05/07/2014 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8346.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 0208			Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 0208				

Analyte	Result (ug/L)	Qualifier	MDL	RL
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethylene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	74		66 - 120
Dibromofluoromethane (Surr)	85		75 - 121
1,2-Dichloroethane-d4 (Surr)	76		63 - 129
Toluene-d8 (Surr)	84		74 - 120

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-36937-1	MW015BR/050614	98	99	90	83
240-36937-2	MW015R/050614	94	98	92	84
240-36937-3	MW044/050614	86	78	87	76
240-36937-4	MW031A/050614	98	98	95	91
240-36937-5	MW031D/050614	98	99	92	85
240-36937-6	MW041/050614	99	82	85	79
240-36937-7	MW001R/050614	88	80	88	79
240-36937-8	MW001AR/050614	88	84	86	84
240-36937-9	MW021A/050614	86	78	86	76
240-36937-10	MW030/050614	84	79	86	76
240-36937-11	MW025/050614	85	79	86	75
240-36937-12	TB01/050614	85	76	84	74
MB 240-130294/5		85	79	85	88
MB 240-130687/5		85	79	87	80
MB 240-130826/6		93	103	85	84
LCS 240-130294/4		83	80	86	95
LCS 240-130687/4		83	78	90	93
LCS 240-130826/4		91	91	95	95

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	63-129
TOL = Toluene-d8 (Surr)	74-120
BFB = 4-Bromofluorobenzene (Surr)	66-120

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130294**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 240-130294/5	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8251.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2014 0019	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/13/2014 0019				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	ND		0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130294**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 240-130294/5	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8251.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2014 0019	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/13/2014 0019				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0
Surrogate	% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)	88		66 - 120	
Dibromofluoromethane (Surr)	85		75 - 121	
1,2-Dichloroethane-d4 (Surr)	79		63 - 129	
Toluene-d8 (Surr)	85		74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130294**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	LCS 240-130294/4	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8249.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/12/2014 2332	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/12/2014 2332				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	18.8	94	43 - 136	
Acrolein	50.0	50.2	100	51 - 170	
Acrylonitrile	100	94.5	95	66 - 132	
Benzene	10.0	9.79	98	80 - 120	
Bromodichloromethane	10.0	9.82	98	72 - 121	
Bromoform	10.0	8.93	89	40 - 131	
Bromomethane	10.0	9.22	92	11 - 185	
2-Butanone	20.0	17.7	88	60 - 126	
Carbon disulfide	10.0	9.21	92	62 - 142	
Carbon tetrachloride	10.0	10.2	102	66 - 128	
Chlorobenzene	10.0	9.42	94	80 - 120	
Chloroethane	10.0	9.20	92	25 - 153	
Chloroform	10.0	9.69	97	79 - 120	
Chloromethane	10.0	8.63	86	44 - 126	
3-Chloro-1-propene	10.0	9.31	93	40 - 160	
cis-1,2-Dichloroethene	10.0	9.61	96	80 - 120	
cis-1,3-Dichloropropene	10.0	9.42	94	61 - 120	
Dibromochloromethane	10.0	9.84	98	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	9.65	97	42 - 136	
Dibromomethane	10.0	9.60	96	80 - 120	
Dichlorodifluoromethane	10.0	6.18	62	19 - 129	
1,1-Dichloroethane	10.0	10.0	100	80 - 120	
1,2-Dichloroethane	10.0	9.54	95	71 - 127	
1,1-Dichloroethene	10.0	9.10	91	78 - 131	
1,2-Dichloroethene, Total	20.0	19.6	98	80 - 120	
1,2-Dichloropropane	10.0	9.87	99	80 - 120	
1,4-Dioxane	200	101	51	50 - 150	
Ethylbenzene	10.0	9.20	92	80 - 120	
Ethylene Dibromide	10.0	9.59	96	79 - 120	
Ethyl methacrylate	10.0	9.22	92	40 - 160	
2-Hexanone	20.0	18.9	95	55 - 133	
Iodomethane	10.0	9.85	98	72 - 141	
Isobutanol	250	238	95	40 - 160	
Methylene Chloride	10.0	9.42	94	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	18.7	93	63 - 128	
m-Xylene & p-Xylene	10.0	9.50	95	80 - 120	
o-Xylene	10.0	9.67	97	80 - 120	
Styrene	10.0	9.17	92	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	9.63	96	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	8.89	89	68 - 120	
Tetrachloroethene	10.0	9.53	95	79 - 120	
Toluene	10.0	9.69	97	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	8.13	81	10 - 199	
trans-1,2-Dichloroethene	10.0	9.97	100	80 - 120	
trans-1,3-Dichloropropene	10.0	10.4	104	58 - 120	
1,1,1-Trichloroethane	10.0	9.98	100	74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130294

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 240-130294/4	Analysis Batch:	240-130294	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8249.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/12/2014 2332	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/12/2014 2332				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	9.08	91	80 - 120	
Trichloroethene	10.0	9.75	97	76 - 120	
Trichlorofluoromethane	10.0	8.49	85	49 - 157	
1,2,3-Trichloroproppane	10.0	9.75	97	73 - 129	
Vinyl acetate	8.00	9.34	117	46 - 161	
Vinyl chloride	10.0	8.62	86	53 - 127	
Xylenes, Total	20.0	19.2	96	80 - 120	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)		95		66 - 120	
Dibromofluoromethane (Surr)		83		75 - 121	
1,2-Dichloroethane-d4 (Surr)		80		63 - 129	
Toluene-d8 (Surr)		86		74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130687

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 240-130687/5	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8339.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2325	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2325				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	ND		1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	0.464	J	0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130687**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 240-130687/5	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8339.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2325	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2325				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0
Surrogate	% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)	80		66 - 120	
Dibromofluoromethane (Surr)	85		75 - 121	
1,2-Dichloroethane-d4 (Surr)	79		63 - 129	
Toluene-d8 (Surr)	87		74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130687

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 240-130687/4	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8337.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2238	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2238				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	16.4	82	43 - 136	
Acrolein	50.0	43.3	87	51 - 170	
Acrylonitrile	100	92.8	93	66 - 132	
Benzene	10.0	9.20	92	80 - 120	
Bromodichloromethane	10.0	9.13	91	72 - 121	
Bromoform	10.0	8.60	86	40 - 131	
Bromomethane	10.0	8.18	82	11 - 185	
2-Butanone	20.0	18.0	90	60 - 126	
Carbon disulfide	10.0	8.20	82	62 - 142	
Carbon tetrachloride	10.0	10.6	106	66 - 128	
Chlorobenzene	10.0	8.95	90	80 - 120	
Chloroethane	10.0	8.73	87	25 - 153	
Chloroform	10.0	9.26	93	79 - 120	
Chloromethane	10.0	9.11	91	44 - 126	
3-Chloro-1-propene	10.0	9.24	92	40 - 160	
cis-1,2-Dichloroethene	10.0	9.20	92	80 - 120	
cis-1,3-Dichloropropene	10.0	8.88	89	61 - 120	
Dibromochloromethane	10.0	9.44	94	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	9.11	91	42 - 136	
Dibromomethane	10.0	9.30	93	80 - 120	
Dichlorodifluoromethane	10.0	7.33	73	19 - 129	
1,1-Dichloroethane	10.0	9.52	95	80 - 120	
1,2-Dichloroethane	10.0	8.98	90	71 - 127	
1,1-Dichloroethene	10.0	8.88	89	78 - 131	
1,2-Dichloroethene, Total	20.0	18.6	93	80 - 120	
1,2-Dichloropropane	10.0	9.52	95	80 - 120	
1,4-Dioxane	200	99.6	50	50 - 150	
Ethylbenzene	10.0	8.99	90	80 - 120	
Ethylene Dibromide	10.0	9.20	92	79 - 120	
Ethyl methacrylate	10.0	9.26	93	40 - 160	
2-Hexanone	20.0	17.6	88	55 - 133	
Iodomethane	10.0	8.84	88	72 - 141	
Isobutanol	250	224	90	40 - 160	
Methylene Chloride	10.0	9.86	99	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	17.7	89	63 - 128	
m-Xylene & p-Xylene	10.0	8.66	87	80 - 120	
o-Xylene	10.0	9.18	92	80 - 120	
Styrene	10.0	8.55	86	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	9.43	94	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	8.66	87	68 - 120	
Tetrachloroethene	10.0	9.57	96	79 - 120	
Toluene	10.0	9.50	95	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	8.21	82	10 - 199	
trans-1,2-Dichloroethene	10.0	9.39	94	80 - 120	
trans-1,3-Dichloropropene	10.0	10.1	101	58 - 120	
1,1,1-Trichloroethane	10.0	10.5	105	74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130687

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 240-130687/4	Analysis Batch:	240-130687	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8337.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2014 2238	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/14/2014 2238				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	9.52	95	80 - 120	
Trichloroethene	10.0	9.15	92	76 - 120	
Trichlorofluoromethane	10.0	11.2	112	49 - 157	
1,2,3-Trichloroproppane	10.0	8.77	88	73 - 129	
Vinyl acetate	8.00	9.44	118	46 - 161	
Vinyl chloride	10.0	8.57	86	53 - 127	
Xylenes, Total	20.0	17.8	89	80 - 120	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)		93		66 - 120	
Dibromofluoromethane (Surr)		83		75 - 121	
1,2-Dichloroethane-d4 (Surr)		78		63 - 129	
Toluene-d8 (Surr)		90		74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130826**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 240-130826/6	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3390.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1300	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.14	J	1.1	10
Acetonitrile	ND		3.5	20
Acrolein	ND		2.2	20
Acrylonitrile	ND		2.0	20
Benzene	ND		0.13	1.0
Bromodichloromethane	ND		0.15	1.0
Bromoform	ND		0.64	1.0
Bromomethane	ND		0.41	1.0
2-Butanone	ND		0.57	10
Carbon disulfide	ND		0.13	1.0
Carbon tetrachloride	ND		0.13	1.0
Chlorobenzene	ND		0.15	1.0
Chloroethane	ND		0.29	1.0
Chloroform	ND		0.16	1.0
Chloromethane	ND		0.30	1.0
Chloroprene	ND		0.29	2.0
3-Chloro-1-propene	ND		0.35	2.0
cis-1,2-Dichloroethene	ND		0.17	1.0
cis-1,3-Dichloropropene	ND		0.14	1.0
Dibromochloromethane	ND		0.18	1.0
1,2-Dibromo-3-Chloropropane	ND		0.67	2.0
Dibromomethane	ND		0.28	1.0
Dichlorodifluoromethane	ND		0.31	1.0
1,1-Dichloroethane	ND		0.15	1.0
1,2-Dichloroethane	ND		0.22	1.0
1,1-Dichloroethene	ND		0.19	1.0
1,2-Dichloroethene, Total	ND		0.17	2.0
1,2-Dichloropropane	ND		0.18	1.0
1,4-Dioxane	ND		19	50
Ethylbenzene	ND		0.17	1.0
Ethylene Dibromide	ND		0.24	1.0
Ethyl methacrylate	ND		0.14	1.0
2-Hexanone	ND		0.41	10
Iodomethane	ND		0.18	1.0
Isobutanol	ND		8.2	50
Methacrylonitrile	ND		0.51	2.0
Methylene Chloride	0.940	J	0.33	1.0
Methyl methacrylate	ND		0.49	2.0
4-Methyl-2-pentanone (MIBK)	ND		0.32	10
Propionitrile	ND		1.2	4.0
Styrene	ND		0.11	1.0
1,1,1,2-Tetrachloroethane	ND		0.23	1.0
1,1,2,2-Tetrachloroethane	ND		0.18	1.0
Tetrachloroethene	ND		0.29	1.0
Toluene	ND		0.13	1.0

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Method Blank - Batch: 240-130826**Method: 8260B****Preparation: 5030B**

Lab Sample ID:	MB 240-130826/6	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3390.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1300	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,4-Dichloro-2-butene	ND		0.15	1.0
trans-1,2-Dichloroethene	ND		0.19	1.0
trans-1,3-Dichloropropene	ND		0.19	1.0
1,1,1-Trichloroethane	ND		0.22	1.0
1,1,2-Trichloroethane	ND		0.27	1.0
Trichloroethene	ND		0.17	1.0
Trichlorofluoromethane	ND		0.21	1.0
1,2,3-Trichloropropane	ND		0.43	1.0
Vinyl acetate	ND		0.19	2.0
Vinyl chloride	ND		0.22	1.0
Xylenes, Total	ND		0.14	2.0
Surrogate	% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)	84		66 - 120	
Dibromofluoromethane (Surr)	93		75 - 121	
1,2-Dichloroethane-d4 (Surr)	103		63 - 129	
Toluene-d8 (Surr)	85		74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130826

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 240-130826/4	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3388.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1215	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1215				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	24.5	123	43 - 136	
Acrolein	50.0	31.8	64	51 - 170	
Acrylonitrile	100	114	114	66 - 132	
Benzene	10.0	9.60	96	80 - 120	
Bromodichloromethane	10.0	10.3	103	72 - 121	
Bromoform	10.0	10.9	109	40 - 131	
Bromomethane	10.0	5.82	58	11 - 185	
2-Butanone	20.0	24.9	124	60 - 126	
Carbon disulfide	10.0	8.51	85	62 - 142	
Carbon tetrachloride	10.0	10.4	104	66 - 128	
Chlorobenzene	10.0	10.0	100	80 - 120	
Chloroethane	10.0	4.53	45	25 - 153	
Chloroform	10.0	9.93	99	79 - 120	
Chloromethane	10.0	8.60	86	44 - 126	
3-Chloro-1-propene	10.0	9.17	92	40 - 160	
cis-1,2-Dichloroethene	10.0	9.57	96	80 - 120	
cis-1,3-Dichloropropene	10.0	11.0	110	61 - 120	
Dibromochloromethane	10.0	10.6	106	64 - 120	
1,2-Dibromo-3-Chloropropane	10.0	10.7	107	42 - 136	
Dibromomethane	10.0	10.3	103	80 - 120	
Dichlorodifluoromethane	10.0	7.28	73	19 - 129	
1,1-Dichloroethane	10.0	10.1	101	80 - 120	
1,2-Dichloroethane	10.0	10.2	102	71 - 127	
1,1-Dichloroethene	10.0	9.07	91	78 - 131	
1,2-Dichloroethene, Total	20.0	19.2	96	80 - 120	
1,2-Dichloropropane	10.0	10.6	106	80 - 120	
1,4-Dioxane	200	209	105	50 - 150	
Ethylbenzene	10.0	10.4	104	80 - 120	
Ethylene Dibromide	10.0	11.0	110	79 - 120	
Ethyl methacrylate	10.0	10.8	108	40 - 160	
2-Hexanone	20.0	24.1	120	55 - 133	
Iodomethane	10.0	8.65	86	72 - 141	
Isobutanol	250	272	109	40 - 160	
Methylene Chloride	10.0	9.93	99	66 - 131	
4-Methyl-2-pentanone (MIBK)	20.0	24.6	123	63 - 128	
m-Xylene & p-Xylene	10.0	10.4	104	80 - 120	
o-Xylene	10.0	10.5	105	80 - 120	
Styrene	10.0	10.2	102	79 - 120	
1,1,1,2-Tetrachloroethane	10.0	10.5	105	72 - 120	
1,1,2,2-Tetrachloroethane	10.0	11.1	111	68 - 120	
Tetrachloroethene	10.0	10.6	106	79 - 120	
Toluene	10.0	10.4	104	80 - 120	
trans-1,4-Dichloro-2-butene	10.0	9.73	97	10 - 199	
trans-1,2-Dichloroethene	10.0	9.60	96	80 - 120	
trans-1,3-Dichloropropene	10.0	11.1	111	58 - 120	
1,1,1-Trichloroethane	10.0	9.71	97	74 - 120	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Control Sample - Batch: 240-130826

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 240-130826/4	Analysis Batch:	240-130826	Instrument ID:	A3UX17
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXR3388.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/15/2014 1215	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/15/2014 1215				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,2-Trichloroethane	10.0	10.7	107	80 - 120	
Trichloroethene	10.0	10.1	101	76 - 120	
Trichlorofluoromethane	10.0	7.76	78	49 - 157	
1,2,3-Trichloropropane	10.0	10.9	109	73 - 129	
Vinyl acetate	8.00	13.9	174	46 - 161	*
Vinyl chloride	10.0	8.83	88	53 - 127	
Xylenes, Total	20.0	20.9	105	80 - 120	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene (Surr)		95		66 - 120	
Dibromofluoromethane (Surr)		91		75 - 121	
1,2-Dichloroethane-d4 (Surr)		91		63 - 129	
Toluene-d8 (Surr)		95		74 - 120	

DATA REPORTING QUALIFIERS

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Lab Section	Qualifier	Description
GC/MS VOA	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-130294					
LCS 240-130294/4	Lab Control Sample	T	Water	8260B	
MB 240-130294/5	Method Blank	T	Water	8260B	
240-36937-8	MW001AR/050614	T	Water	8260B	
Analysis Batch:240-130687					
LCS 240-130687/4	Lab Control Sample	T	Water	8260B	
MB 240-130687/5	Method Blank	T	Water	8260B	
240-36937-3	MW044/050614	T	Water	8260B	
240-36937-6	MW041/050614	T	Water	8260B	
240-36937-7	MW001R/050614	T	Water	8260B	
240-36937-9	MW021A/050614	T	Water	8260B	
240-36937-10	MW030/050614	T	Water	8260B	
240-36937-11	MW025/050614	T	Water	8260B	
240-36937-12TB	TB01/050614	T	Water	8260B	
Analysis Batch:240-130826					
LCS 240-130826/4	Lab Control Sample	T	Water	8260B	
MB 240-130826/6	Method Blank	T	Water	8260B	
240-36937-1	MW015BR/050614	T	Water	8260B	
240-36937-2	MW015R/050614	T	Water	8260B	
240-36937-4	MW031A/050614	T	Water	8260B	
240-36937-5	MW031D/050614	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Laboratory Chronicle

Lab ID: 240-36937-1

Client ID: MW015BR/050614

Sample Date/Time: 05/06/2014 10:25 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-1		240-130826		05/15/2014 18:59	5	TAL CAN	LRW	
A:8260B	240-36937-B-1		240-130826		05/15/2014 18:59	5	TAL CAN	LRW	

Lab ID: 240-36937-2

Client ID: MW015R/050614

Sample Date/Time: 05/06/2014 11:15 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-2		240-130826		05/15/2014 19:21	25	TAL CAN	LRW	
A:8260B	240-36937-B-2		240-130826		05/15/2014 19:21	25	TAL CAN	LRW	

Lab ID: 240-36937-3

Client ID: MW044/050614

Sample Date/Time: 05/06/2014 12:35 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-3		240-130687		05/14/2014 23:48	1	TAL CAN	LEE	
A:8260B	240-36937-B-3		240-130687		05/14/2014 23:48	1	TAL CAN	LEE	

Lab ID: 240-36937-4

Client ID: MW031A/050614

Sample Date/Time: 05/06/2014 13:55 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-4		240-130826		05/15/2014 19:43	16.67	TAL CAN	LRW	
A:8260B	240-36937-B-4		240-130826		05/15/2014 19:43	16.67	TAL CAN	LRW	

Lab ID: 240-36937-5

Client ID: MW031D/050614

Sample Date/Time: 05/06/2014 13:50 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-5		240-130826		05/15/2014 20:05	6.67	TAL CAN	LRW	
A:8260B	240-36937-B-5		240-130826		05/15/2014 20:05	6.67	TAL CAN	LRW	

Lab ID: 240-36937-6

Client ID: MW041/050614

Sample Date/Time: 05/06/2014 00:00 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		Dil	Lab	Analyst
			Batch	Prep Batch					
P:5030B	240-36937-B-6		240-130687		05/15/2014 00:12	1	TAL CAN	LEE	
A:8260B	240-36937-B-6		240-130687		05/15/2014 00:12	1	TAL CAN	LEE	

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Laboratory Chronicle

Lab ID: 240-36937-7

Client ID: MW001R/050614

Sample Date/Time: 05/06/2014 13:40 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-7		240-130687		05/15/2014 00:35	1	TAL CAN LEE
A:8260B	240-36937-B-7		240-130687		05/15/2014 00:35	1	TAL CAN LEE

Lab ID: 240-36937-8

Client ID: MW001AR/050614

Sample Date/Time: 05/06/2014 14:50 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-8		240-130294		05/13/2014 00:42	1	TAL CAN LEE
A:8260B	240-36937-B-8		240-130294		05/13/2014 00:42	1	TAL CAN LEE

Lab ID: 240-36937-9

Client ID: MW021A/050614

Sample Date/Time: 05/06/2014 10:15 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-9		240-130687		05/15/2014 00:58	1	TAL CAN LEE
A:8260B	240-36937-B-9		240-130687		05/15/2014 00:58	1	TAL CAN LEE

Lab ID: 240-36937-10

Client ID: MW030/050614

Sample Date/Time: 05/06/2014 12:25 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-10		240-130687		05/15/2014 01:22	1	TAL CAN LEE
A:8260B	240-36937-B-10		240-130687		05/15/2014 01:22	1	TAL CAN LEE

Lab ID: 240-36937-11

Client ID: MW025/050614

Sample Date/Time: 05/06/2014 11:00 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-11		240-130687		05/15/2014 01:45	1	TAL CAN LEE
A:8260B	240-36937-B-11		240-130687		05/15/2014 01:45	1	TAL CAN LEE

Lab ID: 240-36937-12

Client ID: TB01/050614

Sample Date/Time: 05/06/2014 00:00 Received Date/Time: 05/07/2014 09:20

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	240-36937-B-12		240-130687		05/15/2014 02:08	1	TAL CAN LEE
A:8260B	240-36937-B-12		240-130687		05/15/2014 02:08	1	TAL CAN LEE

Quality Control Results

Client: TRC Environmental Corp-Payne Firm

Job Number: 240-36937-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	MB 240-130294/5		240-130294		05/13/2014 00:19	1	TAL CAN LEE
A:8260B	MB 240-130294/5		240-130294		05/13/2014 00:19	1	TAL CAN LEE
P:5030B	MB 240-130687/5		240-130687		05/14/2014 23:25	1	TAL CAN LEE
A:8260B	MB 240-130687/5		240-130687		05/14/2014 23:25	1	TAL CAN LEE
P:5030B	MB 240-130826/6		240-130826		05/15/2014 13:00	1	TAL CAN LRW
A:8260B	MB 240-130826/6		240-130826		05/15/2014 13:00	1	TAL CAN LRW

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis		Date Prepared / Analyzed		
			Batch	Prep Batch	Dil	Lab	Analyst
P:5030B	LCS 240-130294/4		240-130294		05/12/2014 23:32	1	TAL CAN LEE
A:8260B	LCS 240-130294/4		240-130294		05/12/2014 23:32	1	TAL CAN LEE
P:5030B	LCS 240-130687/4		240-130687		05/14/2014 22:38	1	TAL CAN LEE
A:8260B	LCS 240-130687/4		240-130687		05/14/2014 22:38	1	TAL CAN LEE
P:5030B	LCS 240-130826/4		240-130826		05/15/2014 12:15	1	TAL CAN LRW
A:8260B	LCS 240-130826/4		240-130826		05/15/2014 12:15	1	TAL CAN LRW

Lab References:

TAL CAN = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VM50IS_00038	07/08/14	01/08/14	MEOH, Lot 38701	50 mL	VMSTM520_00017	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VMSTM520_00017	12/31/14		Ultra Scientific, Lot CH-3660		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00152	05/16/14	05/09/14	MEOH, Lot 0000049909	2 mL	vm50ss_stk_00060	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
.vm50ss_stk_00060	10/10/14	04/10/14	MEOH, Lot 0000049909	200 mL	VM567650_00017	4 mL	Toluene-d8 (Surr)	50 ug/mL
							1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
.VM567650_00017	02/28/18		Restek, Lot A093505		(Purchased Reagent)		Toluene-d8 (Surr)	50 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00059	06/06/14	12/12/13	MEOH, Lot 0000049909	200 mL	VM567650_00017	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
.VM567650_00017	02/28/18		Restek, Lot A093505		(Purchased Reagent)		Toluene-d8 (Surr)	50 ug/mL
							1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00039	03/15/14	03/08/14	MEOH, Lot na	3 mL	VMACROLSTD_00010	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00010	03/28/14	02/28/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
.VM567644_00027	05/31/14		Restek, Lot A0100485		(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00047	05/11/14	05/04/14	MEOH, Lot na	3 mL	VMACROLSTD_00012	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00012	05/26/14	04/26/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
.VM567644_00027	05/31/14		Restek, Lot A0100485		(Purchased Reagent)		Acrolein	5000 ug/mL
VMAROLISTDW_00048	05/19/14	05/12/14	MEOH, Lot na	3 mL	VMACROLSTD_00012	3 mL	Acrolein	250 ug/mL
.VMACROLSTD_00012	05/26/14	04/26/14	MEOH, Lot 0000049909	20 mL	VM567644_00027	1 mL	Acrolein	250 ug/mL
.VM567644_00027	05/31/14		Restek, Lot A0100485		(Purchased Reagent)		Acrolein	5000 ug/mL
vmCLhexstk_00011	05/09/14	01/29/14	MEOH, Lot 49909	20 mL	vmepa1208_00004	1 mL	1-Chlorohexane	50 ug/mL
.vmepa1208_00004	05/31/15		ultra scientific, Lot cj-1332		(Purchased Reagent)		1-Chlorohexane	1000 ug/mL
VMFASA9W_00014	05/16/14	05/09/14	MEOH, Lot NA	2 mL	VMFASA9_00002	2 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
.VMFASA9_00002	08/31/14	04/11/14	MEOH, Lot 0000049909	100 mL	vm567647S_00001	2.5 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration				
					Reagent ID	Volume Added						
..vm567647S_00001	08/31/14	restek, Lot A093665			(Purchased Reagent)		Methyl methacrylate	100 ug/mL				
							Propionitrile	500 ug/mL				
							Acetonitrile	20000 ug/mL				
							Chloroprene	2000 ug/mL				
							Methacrylonitrile	20000 ug/mL				
							Methyl methacrylate	4000 ug/mL				
VMFASAW_00023	03/15/14	03/08/14	MEOH, Lot NA	2 mL	VMFASA_00006	2 mL	Acrolein	250 ug/mL				
	.VMFASA_00006	03/28/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL				
	..VM567644S_00039	05/31/14	Restek, Lot A0100586	(Purchased Reagent)		Acrolein						
	VMFASAW_00031	05/09/14	05/02/14			2 mL	VMFASA_00008	250 ug/mL				
	.VMFASA_00008	05/26/14	04/26/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL			
VMFASAW_00032	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMFASA_00008	2 mL	Acrolein	250 ug/mL				
	.VMFASA_00008	05/26/14	04/26/14	MEOH, Lot 0000049909	50 mL	VM567644S_00039	2.5 mL	Acrolein	250 ug/mL			
	..VM567644S_00039	05/31/14	Restek, Lot A0100586	(Purchased Reagent)		Acrolein	5000 ug/mL					
	VMFASGW_00023	03/11/14	03/04/14	MEOH, Lot NA	2 mL	VMFASG_00012	2 mL	Bromomethane	50 ug/mL			
							Chloroethane	50 ug/mL				
							Chloromethane	50 ug/mL				
							Dichlorodifluoromethane	50 ug/mL				
							Trichlorofluoromethane	50 ug/mL				
							Vinyl chloride	50 ug/mL				
VMFASG_00012	04/04/14	03/04/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL				
							Chloroethane	50 ug/mL				
							Chloromethane	50 ug/mL				
							Dichlorodifluoromethane	50 ug/mL				
							Trichlorofluoromethane	50 ug/mL				
							Vinyl chloride	50 ug/mL				
..VM567645S_00015	08/31/15	Restek, Lot A097497			(Purchased Reagent)		Bromomethane	2000 ug/mL				
							Chloroethane	2000 ug/mL				
							Chloromethane	2000 ug/mL				
							Dichlorodifluoromethane	2000 ug/mL				
							Trichlorofluoromethane	2000 ug/mL				
							Vinyl chloride	2000 ug/mL				
VMFASGW_00033	05/09/14	05/02/14	MEOH, Lot NA	2 mL	VMFASG_00014	2 mL	Bromomethane	50 ug/mL				
							Chloroethane	50 ug/mL				
							Chloromethane	50 ug/mL				
							Dichlorodifluoromethane	50 ug/mL				
							Trichlorofluoromethane	50 ug/mL				
							Vinyl chloride	50 ug/mL				
VMFASG_00014	06/02/14	05/02/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL				
							Chloroethane	50 ug/mL				
							Chloromethane	50 ug/mL				
							Dichlorodifluoromethane	50 ug/mL				
							Trichlorofluoromethane	50 ug/mL				
							Vinyl chloride	50 ug/mL				

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567645S_00015	08/31/15		Restek, Lot A097497		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASGW_00034	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMFASG_00014	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00014	06/02/14	05/02/14	MEOH, Lot 0000049909	50 mL	VM567645S_00015	1.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..VM567645S_00015	08/31/15		Restek, Lot A097497		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASPW_00025	03/11/14	03/04/14	MEOH, Lot NA	2 mL	VMRFASP_00005	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00005	03/17/14	02/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
				VM567642S_00003	1 mL		2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
				VM567646S_00005	1 mL		Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16	Restek, Lot A093733		(Purchased Reagent)			1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00003	02/29/16	Restek, Lot A093472			(Purchased Reagent)		2-Butanone	10000 ug/mL
..VM567646S_00005	07/31/14	Restek, Lot A0100444			(Purchased Reagent)		2-Hexanone	10000 ug/mL
VMFASPW_00033	05/09/14	05/02/14	MEOH, Lot NA	2 mL	VMRFASP_00007	2 mL	4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
							Vinyl acetate	4000 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00007	07/17/14	04/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567641S_00005	02/29/16	Restek, Lot A093733			VM567642S_00005	1 mL	Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
..VM567641S_00005	02/29/16	Restek, Lot A093733			(Purchased Reagent)	1 mL	Vinyl acetate	40 ug/mL
							1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropene	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
..VM567646S_00005	07/31/14		Restek, Lot A0100444		(Purchased Reagent)		2-Hexanone	10000 ug/mL
VMFASPW_00034	05/17/14	05/10/14	MEOH, Lot NA	2 mL	VMRFASP_00007	2 mL	4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
							Vinyl acetate	4000 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	40 ug/mL
.VMRFASP_00007	07/17/14	04/17/14	MEOH, Lot 0000049909	100 mL	VM567641S_00005	2.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
					VM567642S_00005	1 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567646S 00005	1 mL	Vinyl acetate	40 ug/mL
..VM567641S_00005	02/29/16		Restek, Lot A093733		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642S_00005	02/29/16		Restek, Lot A093472		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646S_00005	07/31/14		Restek, Lot A0100444		(Purchased Reagent)		Vinyl acetate	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
VMRA9W_00047	03/17/14	03/10/14	MEOH, Lot NA	1 mL	VMRA9_00007	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
.VMRA9_00007	05/13/14	02/13/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00008	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					VM567648_00011	1.25 mL	Cyclohexanone	500 ug/mL
					vm567719_00008	0.5 mL	2-Methylnaphthalene	100 ug/mL
					vm567719_00009	1 mL	Pentachloroethane	100 ug/mL
					vm567719_00016	1 mL	2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
..vm567647_00008	08/31/14	restek, Lot A093634			(Purchased Reagent)		1,2,3-Trimethylbenzene	2000 ug/mL
							1,3,5-Trichlorobenzene	2000 ug/mL
							2-Nitropropane	4000 ug/mL
							Acetonitrile	20000 ug/mL
							Benzyl chloride	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroprene	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl acrylate	2000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							n-Butanol	50000 ug/mL
							n-Butyl acetate	2000 ug/mL
							Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
..VM567648_00011	02/29/16	Restek, Lot A093361		(Purchased Reagent)			Cyclohexanone	20000 ug/mL
..vm567719_00008	02/28/15	Restek, Lot A093359		(Purchased Reagent)			2-Methylnaphthalene	2000 ug/mL
..vm567719_00009	02/28/15	Restek, Lot A093359		(Purchased Reagent)			Pentachloroethane	2000 ug/mL
..vm567719_00016	02/28/15	Restek, Lot A093359		(Purchased Reagent)			2-Methylnaphthalene	2000 ug/mL
..vm567719_00016	02/28/15	Restek, Lot A093359		(Purchased Reagent)			Pentachloroethane	2000 ug/mL
VMRA9W_00054	05/11/14	05/04/14	MEOH, Lot NA	1 mL	VMRA9_00007	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
.VMRA9_00007	05/13/14	02/13/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00008	1.25 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Acetonitrile	500 ug/mL
							Benzyl chloride	50 ug/mL
							Chloroprene	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Isopropyl ether	50 ug/mL
							Methacrylonitrile	500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..vm567647_00008	08/31/14	restek, Lot A093634			VM567648_00011	1.25 mL	Methyl methacrylate	100 ug/mL
							n-Butanol	1250 ug/mL
							n-Butyl acetate	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
							Cyclohexanone	500 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Pentachloroethane	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
..VM567648_00011	02/29/16	Restek, Lot A093361			(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Benzyl chloride	2000 ug/mL
							Chloroprene	2000 ug/mL
							Ethyl acetate	4000 ug/mL
							Ethyl acrylate	2000 ug/mL
							Isopropyl ether	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							n-Butanol	50000 ug/mL
							n-Butyl acetate	2000 ug/mL
..vm567719_00008	02/28/15	Restek, Lot A093359			(Purchased Reagent)		Propionitrile	20000 ug/mL
							Tert-amyl methyl ether	2000 ug/mL
							Tert-butyl ethyl ether	2000 ug/mL
							Cyclohexanone	20000 ug/mL
..vm567719_00009	02/28/15	Restek, Lot A093359			(Purchased Reagent)		2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
							2-Methylnaphthalene	2000 ug/mL
..vm567719_00016	02/28/15	Restek, Lot A093359			(Purchased Reagent)		Pentachloroethane	2000 ug/mL
							2-Methylnaphthalene	2000 ug/mL
							Pentachloroethane	2000 ug/mL
VMRA9W_00055	05/13/14	05/12/14	MEOH, Lot NA	1 mL	VMRA9_00007	1 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
.VMRA9_00007	05/13/14	02/13/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00008	1.25 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
..vm567647_00008	08/31/14	restek, Lot A093634			(Purchased Reagent)		Acetonitrile	20000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroprene	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							Propionitrile	20000 ug/mL
VMRA9W_00057	05/21/14	05/14/14	MEOH, Lot NA	1 mL	VMRA9_00008	1 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
.VMRA9_00008	08/12/14	05/12/14	MEOH, Lot +181530000049909JN	50 mL	vm567647_00004	1.25 mL	Acetonitrile	500 ug/mL
							Chloroprene	50 ug/mL
							Methacrylonitrile	500 ug/mL
							Methyl methacrylate	100 ug/mL
							Propionitrile	500 ug/mL
..vm567647_00004	08/31/14		restek, Lot A093634		(Purchased Reagent)		Acetonitrile	20000 ug/mL
							Chloroprene	2000 ug/mL
							Methacrylonitrile	20000 ug/mL
							Methyl methacrylate	4000 ug/mL
							Propionitrile	20000 ug/mL
VMRGAS_00046	03/14/14	03/07/14	MEOH, Lot 0000049909	10 mL	vm567645_00029	250 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00029	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00053	05/09/14	05/02/14	MEOH, Lot 0000049909	10 mL	vm567645_00030	250 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00030	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRGAS_00054	05/17/14	05/10/14	MEOH, Lot 0000049909	10 mL	vm567645_00030	250 uL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm567645_00030	02/28/15		Restek, Lot A093341		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMRPRIMW_00053	03/11/14	03/04/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

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SDG No.:

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00010	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00014	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00016	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16	restek, Lot A093581			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					1,2-Dichloropropane	2000 ug/mL		
					1,3,5-Trimethylbenzene	2000 ug/mL		
					1,3-Dichlorobenzene	2000 ug/mL		
					1,3-Dichloropropane	2000 ug/mL		
					1,4-Dichlorobenzene	2000 ug/mL		
					1,4-Dioxane	40000 ug/mL		
					2,2-Dichloropropane	2000 ug/mL		
					2-Chlorotoluene	2000 ug/mL		
					2-Methyl-2-propanol	20000 ug/mL		
					3-Chloro-1-propene	2000 ug/mL		
					4-Chlorotoluene	2000 ug/mL		
					4-Isopropyltoluene	2000 ug/mL		
					Acrylonitrile	20000 ug/mL		
					Benzene	2000 ug/mL		
					Bromobenzene	2000 ug/mL		
					Bromodichloromethane	2000 ug/mL		
					Bromoform	2000 ug/mL		
					Carbon disulfide	2000 ug/mL		
					Carbon tetrachloride	2000 ug/mL		
					Chlorobenzene	2000 ug/mL		
					Chlorobromomethane	2000 ug/mL		
					Chloroform	2000 ug/mL		
					cis-1,2-Dichloroethene	2000 ug/mL		
					cis-1,3-Dichloropropene	2000 ug/mL		
					Cyclohexane	2000 ug/mL		
					Dibromochloromethane	2000 ug/mL		
					Dibromomethane	2000 ug/mL		
					Ethyl ether	2000 ug/mL		
					Ethyl methacrylate	2000 ug/mL		
					Ethylbenzene	2000 ug/mL		
					Ethylene Dibromide	2000 ug/mL		
					Hexachlorobutadiene	2000 ug/mL		
					Hexane	2000 ug/mL		
					Iodomethane	2000 ug/mL		
					Isobutanol	50000 ug/mL		
					Isopropylbenzene	2000 ug/mL		
					m-Xylene & p-Xylene	2000 ug/mL		
					Methyl acetate	10000 ug/mL		
					Methyl tert-butyl ether	2000 ug/mL		
					Methylcyclohexane	2000 ug/mL		
					Methylene Chloride	2000 ug/mL		
					n-Butylbenzene	2000 ug/mL		
					n-Heptane	2000 ug/mL		
					N-Propylbenzene	2000 ug/mL		
					Naphthalene	2000 ug/mL		
					o-Xylene	2000 ug/mL		
					sec-Butylbenzene	2000 ug/mL		
					Styrene	2000 ug/mL		

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Tetrahydrofuran	4000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
..VM567643_00010	12/31/15		restek, Lot A092294		(Purchased Reagent)		2-Hexanone	10000 ug/mL
..VM567643_00014	12/31/15		restek, Lot A092294		(Purchased Reagent)		4-Methyl-2-pentanone (MIBK)	10000 ug/mL
..VM567643_00016	12/31/15		restek, Lot A092294		(Purchased Reagent)		Acetone	10000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		2-Chloroethyl vinyl ether	2000 ug/mL
VMRPRIMW_00061	05/11/14	05/04/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	48 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutanol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	250 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					VM567642_00011	0.5 mL	2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM567643_00010	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00014	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567643_00016	0.5 mL	2-Chloroethyl vinyl ether	100 ug/mL
					VM567646_00013	0.6 mL	Vinyl acetate	48 ug/mL
..VM567641_00010	02/29/16	restek, Lot A093581			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,1-Dichloropropene	2000 ug/mL
							1,2,3-Trichlorobenzene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2,4-Trichlorobenzene	2000 ug/mL
							1,2,4-Trimethylbenzene	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichlorobenzene	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,3,5-Trimethylbenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					1,3-Dichlorobenzene	2000 ug/mL		
					1,3-Dichloropropane	2000 ug/mL		
					1,4-Dichlorobenzene	2000 ug/mL		
					1,4-Dioxane	40000 ug/mL		
					2,2-Dichloropropane	2000 ug/mL		
					2-Chlorotoluene	2000 ug/mL		
					2-Methyl-2-propanol	20000 ug/mL		
					3-Chloro-1-propene	2000 ug/mL		
					4-Chlorotoluene	2000 ug/mL		
					4-Isopropyltoluene	2000 ug/mL		
					Acrylonitrile	20000 ug/mL		
					Benzene	2000 ug/mL		
					Bromobenzene	2000 ug/mL		
					Bromodichloromethane	2000 ug/mL		
					Bromoform	2000 ug/mL		
					Carbon disulfide	2000 ug/mL		
					Carbon tetrachloride	2000 ug/mL		
					Chlorobenzene	2000 ug/mL		
					Chlorobromomethane	2000 ug/mL		
					Chloroform	2000 ug/mL		
					cis-1,2-Dichloroethene	2000 ug/mL		
					cis-1,3-Dichloropropene	2000 ug/mL		
					Cyclohexane	2000 ug/mL		
					Dibromochloromethane	2000 ug/mL		
					Dibromomethane	2000 ug/mL		
					Ethyl ether	2000 ug/mL		
					Ethyl methacrylate	2000 ug/mL		
					Ethylbenzene	2000 ug/mL		
					Ethylene Dibromide	2000 ug/mL		
					Hexachlorobutadiene	2000 ug/mL		
					Hexane	2000 ug/mL		
					Iodomethane	2000 ug/mL		
					Isobutanol	50000 ug/mL		
					Isopropylbenzene	2000 ug/mL		
					m-Xylene & p-Xylene	2000 ug/mL		
					Methyl acetate	10000 ug/mL		
					Methyl tert-butyl ether	2000 ug/mL		
					Methylcyclohexane	2000 ug/mL		
					Methylene Chloride	2000 ug/mL		
					n-Butylbenzene	2000 ug/mL		
					n-Heptane	2000 ug/mL		
					N-Propylbenzene	2000 ug/mL		
					Naphthalene	2000 ug/mL		
					o-Xylene	2000 ug/mL		
					sec-Butylbenzene	2000 ug/mL		
					Styrene	2000 ug/mL		
					tert-Butylbenzene	2000 ug/mL		
					Tetrachloroethene	2000 ug/mL		

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					Tetrahydrofuran	4000 ug/mL		
					Toluene	2000 ug/mL		
					trans-1,2-Dichloroethene	2000 ug/mL		
					trans-1,3-Dichloropropene	2000 ug/mL		
					trans-1,4-Dichloro-2-butene	2000 ug/mL		
					Trichloroethene	2000 ug/mL		
..VM567642_00011	02/29/16	Restek, Lot A093365		(Purchased Reagent)	2-Butanone	10000 ug/mL		
					2-Hexanone	10000 ug/mL		
					4-Methyl-2-pentanone (MIBK)	10000 ug/mL		
					Acetone	10000 ug/mL		
..VM567643_00010	12/31/15	restek, Lot A092294		(Purchased Reagent)	2-Chloroethyl vinyl ether	2000 ug/mL		
..VM567643_00014	12/31/15	restek, Lot A092294		(Purchased Reagent)	2-Chloroethyl vinyl ether	2000 ug/mL		
..VM567643_00016	12/31/15	restek, Lot A092294		(Purchased Reagent)	2-Chloroethyl vinyl ether	2000 ug/mL		
..VM567646_00013	05/31/14	Restek, Lot A099480		(Purchased Reagent)	Vinyl acetate	4000 ug/mL		
VMRPRIMW_00062	05/19/14	05/12/14	MEOH, Lot NA	1 mL	VMRPRIM_00007	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMRPRIM_00007	05/31/14	12/17/13	MEOH, Lot 0000038701	50 mL	VM567641_00010	1.25 mL	Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	48 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutanol	1250 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM567641_00010	02/29/16	restek, Lot A093581			VM567642_00011	0.5 mL	Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
							2-Butanone	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
..VM567641_00010	02/29/16	restek, Lot A093581			(Purchased Reagent)	0.6 mL	Vinyl acetate	48 ug/mL
							1,1,1,2-Tetrachloroethane	2000 ug/mL
							1,1,1-Trichloroethane	2000 ug/mL
							1,1,2,2-Tetrachloroethane	2000 ug/mL
							1,1,2-Trichloroethane	2000 ug/mL
							1,1-Dichloroethane	2000 ug/mL
							1,1-Dichloroethene	2000 ug/mL
							1,2,3-Trichloropropane	2000 ug/mL
							1,2-Dibromo-3-Chloropropane	2000 ug/mL
							1,2-Dichloroethane	2000 ug/mL
							1,2-Dichloroethene, Total	4000 ug/mL
							1,2-Dichloropropane	2000 ug/mL
							1,4-Dioxane	40000 ug/mL
							3-Chloro-1-propene	2000 ug/mL
							Acrylonitrile	20000 ug/mL
							Benzene	2000 ug/mL
							Bromodichloromethane	2000 ug/mL
							Bromoform	2000 ug/mL
							Carbon disulfide	2000 ug/mL
							Carbon tetrachloride	2000 ug/mL
							Chlorobenzene	2000 ug/mL
							Chloroform	2000 ug/mL
							cis-1,2-Dichloroethene	2000 ug/mL
							cis-1,3-Dichloropropene	2000 ug/mL
							Dibromochloromethane	2000 ug/mL
							Dibromomethane	2000 ug/mL
							Ethyl methacrylate	2000 ug/mL
							Ethylbenzene	2000 ug/mL
							Ethylene Dibromide	2000 ug/mL
							Iodomethane	2000 ug/mL
							Isobutanol	50000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	2000 ug/mL
							o-Xylene	2000 ug/mL
							Styrene	2000 ug/mL
							Tetrachloroethene	2000 ug/mL
							Toluene	2000 ug/mL
							trans-1,2-Dichloroethene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	2000 ug/mL
							trans-1,4-Dichloro-2-butene	2000 ug/mL
							Trichloroethene	2000 ug/mL
							Xylenes, Total	4000 ug/mL
..VM567642_00011	02/29/16		Restek, Lot A093365		(Purchased Reagent)		2-Butanone	10000 ug/mL
							2-Hexanone	10000 ug/mL
							4-Methyl-2-pentanone (MIBK)	10000 ug/mL
							Acetone	10000 ug/mL
..VM567646_00013	05/31/14		Restek, Lot A099480		(Purchased Reagent)		Vinyl acetate	4000 ug/mL



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Bellefonte, PA 16823-8812
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www.restek.com



ISO Guide 34 Accredited
Reference Material Producer
Certificate #322201



ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #322202

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. :	<u>567641</u>	Lot No.:	<u>A093581</u>
Description :	8260 List 1 / Std #1 MegaMix		
	8260 List 1 / Std #1 MegaMix 1000-50,000 µg/mL, P&T Methanol, 1 ml/ampul		
Container Size :	<u>2 mL</u>	Pkg Amt:	<u>> 1 mL</u>
Expiration Date :	<u>February 2016</u>	Storage:	<u>0°C or colder</u>

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (98% C.L.; K=2)		
1	Diethyl ether (ethyl ether)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 60-29-7		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	1,999.9 µg/mL	+/- 11.6279	µg/mL	Gravimetric
	CAS # 76-13-1		+/- 44.2519	µg/mL	Unstressed
	Purity 97%		+/- 44.4323	µg/mL	Stressed
3	1,1-dichloroethene	2,000.0 µg/mL	+/- 11.6281	µg/mL	Gravimetric
	CAS # 75-35-4		+/- 44.2527	µg/mL	Unstressed
	Purity 98%		+/- 44.4331	µg/mL	Stressed
4	tert-Butanol (TBA)	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 75-65-0		+/- 442.5291	µg/mL	Unstressed
	Purity 99%		+/- 444.3332	µg/mL	Stressed
5	Iodomethane (methyl iodide)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 74-88-4		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed
6	Allyl chloride (3-chloropropene)	2,000.0 µg/mL	+/- 11.6281	µg/mL	Gravimetric
	CAS # 107-05-1		+/- 44.2527	µg/mL	Unstressed
	Purity 98%		+/- 44.4331	µg/mL	Stressed
7	Methyl acetate	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 79-20-9		+/- 221.2646	µg/mL	Unstressed
	Purity 99%		+/- 222.1666	µg/mL	Stressed
8	Carbon disulfide	2,000.0 µg/mL	+/- 11.6281	µg/mL	Gravimetric
	CAS # 75-15-0		+/- 44.2527	µg/mL	Unstressed
	Purity 98%		+/- 44.4331	µg/mL	Stressed
9	Methylene chloride (dichloromethane)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 75-09-2		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed

10	Acrylonitrile CAS # 107-13-1	20,000.0	µg/mL	+/- 116.2756	µg/mL	Gravimetric
	Purity 99%			+/- 442.5291	µg/mL	Unstressed
				+/- 444.3332	µg/mL	Stressed
11	Methyl-tert-butyl ether (MTBE) CAS # 1634-04-4	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
12	cis-1,2-Dichloroethene CAS # 156-59-2	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
13	n-Hexane (C6) CAS # 110-54-3	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
14	1,1-Dichloroethane CAS # 75-34-3	2,000.0	µg/mL	+/- 11.6281	µg/mL	Gravimetric
	Purity 98%			+/- 44.2527	µg/mL	Unstressed
				+/- 44.4331	µg/mL	Stressed
15	2,2-Dichloropropane CAS # 594-20-7	2,000.0	µg/mL	+/- 11.6281	µg/mL	Gravimetric
	Purity 98%			+/- 44.2527	µg/mL	Unstressed
				+/- 44.4331	µg/mL	Stressed
16	trans-1,2-Dichloroethene CAS # 156-60-5	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
17	chloroform CAS # 67-66-3	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
18	Isobutanol (2-Methyl-1-propanol) CAS # 78-83-1	50,000.0	µg/mL	+/- 290.6891	µg/mL	Gravimetric
	Purity 99%			+/- 1,106.3228	µg/mL	Unstressed
				+/- 1,110.8331	µg/mL	Stressed
19	Bromochloromethane CAS # 74-97-5	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
20	Tetrahydrofuran CAS # 109-99-9	4,000.0	µg/mL	+/- 23.2563	µg/mL	Gravimetric
	Purity 99%			+/- 88.5061	µg/mL	Unstressed
				+/- 88.8670	µg/mL	Stressed
21	1,1,1-trichloroethane CAS # 71-55-6	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
22	Cyclohexane CAS # 110-82-7	2,000.0	µg/mL	+/- 11.6281	µg/mL	Gravimetric
	Purity 98%			+/- 44.2527	µg/mL	Unstressed
				+/- 44.4331	µg/mL	Stressed
23	1,1-Dichloropropene CAS # 563-58-6	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
24	carbon tetrachloride CAS # 56-23-5	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
25	n-Heptane (C7) CAS # 142-82-5	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
26	Benzene CAS # 71-43-2	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
27	1,2-Dichloroethane CAS # 107-06-2	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
28	Trichloroethylene CAS # 79-01-6	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
	Purity 99%			+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed

29.	Methylcyclohexane CAS # 108-87-2 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
30	1,2-Dichloropropane CAS # 78-87-5 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
31	1,4-Dioxane CAS # 123-91-1 Purity 99%	40,000.0	µg/mL	+/- 232.5513 +/- 885.0582 +/- 888.6665	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
32	Dibromomethane CAS # 74-95-3 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
33	bromodichloromethane CAS # 75-27-4 Purity 97%	2,000.0	µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
34	cis-1,3-Dichloropropene CAS # 10061-01-5 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
35	Toluene CAS # 108-88-3 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
36	Ethyl methacrylate CAS # 97-63-2 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
37	trans-1,3-Dichloropropene CAS # 10061-02-6 Purity 97%	2,000.0	µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
38	1,1,2-Trichloroethane CAS # 79-00-5 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
39	1,3-Dichloropropane CAS # 142-28-9 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
40	Tetrachloroethene CAS # 127-18-4 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
41	dibromochloromethane CAS # 124-48-1 Purity 98%	2,000.0	µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
42	1,2-Dibromoethane (EDB) CAS # 106-93-4 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
43	Chlorobenzene CAS # 108-90-7 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
44	1,1,1,2-Tetrachloroethane CAS # 630-20-6 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
45	m-Xylene CAS # 108-38-3 Purity 99%	1,000.0	µg/mL	+/- 5.8141 +/- 22.1265 +/- 22.2167	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
46	p-Xylene CAS # 106-42-3 Purity 99%	1,000.0	µg/mL	+/- 5.8141 +/- 22.1265 +/- 22.2167	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
47	o-Xylene CAS # 95-47-6 Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

48	Ethylbenzene CAS # 100-41-4 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
49	Styrene CAS # 100-42-5 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
50	Isopropylbenzene (cumene) CAS # 98-82-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
51	bromoform CAS # 75-25-2 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
52	1,1,2,2-Tetrachloroethane CAS # 79-34-5 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
53	1,2,3-Trichloropropane CAS # 96-18-4 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
54	trans-1,4-dichloro-2-butene CAS # 110-57-6 Purity 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
55	n-Propylbenzene CAS # 103-65-1 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
56	Bromobenzene CAS # 108-86-1 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
57	1,3,5-Trimethylbenzene CAS # 108-67-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
58	2-Chlorotoluene CAS # 95-49-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
59	4-Chlorotoluene CAS # 106-43-4 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
60	tert-Butylbenzene CAS # 98-06-6 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
61	1,2,4-Trimethylbenzene CAS # 95-63-6 Purity 98%	2,000.0 µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
62	sec-Butylbenzene CAS # 135-98-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
63	4-Isopropyltoluene (p-Cymene) CAS # 99-87-6 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
64	1,3-Dichlorobenzene CAS # 541-73-1 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
65	1,4-Dichlorobenzene CAS # 106-46-7 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
66	n-Butylbenzene CAS # 104-51-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

67	1,2-Dichlorobenzene CAS # 95-50-1 Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
				+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
68	1,2-Dibromo-3-chloropropane CAS # 96-12-8 Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
				+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
69	1,2,4-Trichlorobenzene CAS # 120-82-1 Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
				+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
70	Hexachlorobutadiene CAS # 87-68-3 Purity 97%	2,000.0	µg/mL	+/- 11.6284	µg/mL	Gravimetric
				+/- 44.2540	µg/mL	Unstressed
				+/- 44.4344	µg/mL	Stressed
71	Naphthalene CAS # 91-20-3 Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
				+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed
72	1,2,3-Trichlorobenzene CAS # 87-61-6 Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
				+/- 44.2531	µg/mL	Unstressed
				+/- 44.4335	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
60m x .25mm x 1.4µm
Rtx-502.2 (cat.#10916)

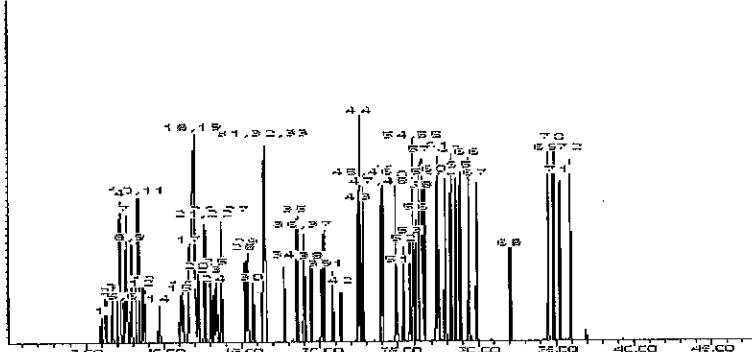
Carrier Gas:
helium-constant pressure 30 psi

Temp. Program:
40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD



Jennifer L. Pollino
Jennifer L. Pollino - QC Analyst

Date Passed: 01-Mar-2013 Balance: B251644995

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01



ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567641.sec

Lot No.: A093733

Description : 8260 List 1 / Std #1 MegaMix

8260 List 1 / Std #1 MegaMix 1,000-50,000 µg/mL, P&T Methanol, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2016

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Diethyl ether (ethyl ether)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 60-29-7.SEC		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 76-13-1.SEC		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed
3	1,1-Dichloroethene	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 75-35-4.SEC		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed
4	tert-Butanol (TBA)	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 75-65-0.SEC		+/- 442.5291	µg/mL	Unstressed
	Purity 99%		+/- 444.3332	µg/mL	Stressed
5	Iodomethane (methyl iodide)	2,000.0 µg/mL	+/- 11.6284	µg/mL	Gravimetric
	CAS # 74-88-4.SEC		+/- 44.2540	µg/mL	Unstressed
	Purity 97%		+/- 44.4344	µg/mL	Stressed
6	Allyl chloride (3-chloropropene)	2,000.0 µg/mL	+/- 11.6281	µg/mL	Gravimetric
	CAS # 107-05-1.SEC		+/- 44.2527	µg/mL	Unstressed
	Purity 98%		+/- 44.4331	µg/mL	Stressed
7	Methyl acetate	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 79-20-9.SEC		+/- 221.2646	µg/mL	Unstressed
	Purity 99%		+/- 222.1666	µg/mL	Stressed
8	Carbon disulfide	2,000.0 µg/mL	+/- 11.6281	µg/mL	Gravimetric
	CAS # 75-15-0.SEC		+/- 44.2527	µg/mL	Unstressed
	Purity 98%		+/- 44.4331	µg/mL	Stressed
9	Methylene chloride (dichloromethane)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 75-09-2.SEC		+/- 44.2531	µg/mL	Unstressed
	Purity 99%		+/- 44.4335	µg/mL	Stressed

10	Acrylonitrile CAS # 107-13-1.SEC Purity 99%	20,000.0	µg/mL	+/- 116.2756 +/- 442.5291 +/- 444.3332	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
11	Methyl-tert-butyl ether (MTBE) CAS # 1634-04-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
12	cis-1,2-Dichloroethene CAS # 156-59-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
13	n-Hexane (C6) CAS # 110-54-3.SEC Purity 98%	2,000.1	µg/mL	+/- 11.6286 +/- 44.2549 +/- 44.4353	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
14	1,1-Dichloroethane CAS # 75-34-3.SEC Purity 97%	2,000.0	µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
15	2,2-Dichloropropane CAS # 594-20-7.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
16	trans-1,2-Dichloroethene CAS # 156-60-5.SEC Purity 97%	2,000.0	µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
17	Chloroform CAS # 67-66-3.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
18	Isobutanol (2-Methyl-1-propanol) CAS # 78-83-1.SEC Purity 99%	50,000.0	µg/mL	+/- 290.6891 +/- 1,106.3228 +/- 1,110.8331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
19	Bromochloromethane CAS # 74-97-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
20	Tetrahydrofuran CAS # 109-99-9.SEC Purity 99%	4,000.0	µg/mL	+/- 23.2563 +/- 88.5061 +/- 88.8670	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
21	1,1,1-Trichloroethane CAS # 71-55-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
22	Cyclohexane CAS # 110-82-7.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
23	1,1-Dichloropropene CAS # 563-58-6.SEC Purity 98%	2,010.5	µg/mL	+/- 11.6890 +/- 44.4847 +/- 44.6661	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
24	Carbon tetrachloride CAS # 56-23-5.SEC Purity 98%	2,000.1	µg/mL	+/- 11.6286 +/- 44.2549 +/- 44.4353	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
25	n-Heptane (C7) CAS # 142-82-5.SEC Purity 99%	2,000.1	µg/mL	+/- 11.6288 +/- 44.2553 +/- 44.4357	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
26	Benzene CAS # 71-43-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
27	1,2-Dichloroethane CAS # 107-06-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
28	Trichloroethylene CAS # 79-01-6.SEC Purity 98%	2,000.1	µg/mL	+/- 11.6286 +/- 44.2549 +/- 44.4353	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

29	Methylcyclohexane CAS # 108-87-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
30	1,2-Dichloropropane CAS # 78-87-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
31	1,4-Dioxane CAS # 123-91-1.SEC Purity 99%	40,000.0	µg/mL	+/- 232.5513 +/- 885.0582 +/- 888.6665	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
32	Dibromomethane CAS # 74-95-3.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
33	Bromodichloromethane CAS # 75-27-4.SEC Purity 97%	2,000.1	µg/mL	+/- 11.6290 +/- 44.2562 +/- 44.4366	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
34	cis-1,3-Dichloropropene CAS # 10061-01-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
35	Toluene CAS # 108-88-3.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
36	Ethyl methacrylate CAS # 97-63-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
37	trans-1,3-Dichloropropene CAS # 10061-02-6.SEC Purity 98%	2,000.0	µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
38	1,1,2-Trichloroethane CAS # 79-00-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
39	1,3-Dichloropropane CAS # 142-28-9.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
40	Tetrachloroethylene CAS # 127-18-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
41	Dibromochloromethane CAS # 124-48-1.SEC Purity 97%	2,000.1	µg/mL	+/- 11.6290 +/- 44.2562 +/- 44.4366	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
42	1,2-Dibromoethane (EDB) CAS # 106-93-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
43	Chlorobenzene CAS # 108-90-7.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
44	1,1,1,2-Tetrachloroethane CAS # 630-20-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
45	m-Xylene CAS # 108-38-3.SEC Purity 99%	1,000.0	µg/mL	+/- 5.8141 +/- 22.1265 +/- 22.2167	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
46	p-Xylene CAS # 106-42-3.SEC Purity 99%	1,000.0	µg/mL	+/- 5.8141 +/- 22.1265 +/- 22.2167	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
47	o-Xylene CAS # 95-47-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

48	Ethylbenzene CAS # 100-41-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
49	Styrene CAS # 100-42-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
50	Isopropylbenzene (cumene) CAS # 98-82-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
51	Bromoform CAS # 75-25-2.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
52	1,1,2,2-Tetrachloroethane CAS # 79-34-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
53	1,2,3-Trichloropropane CAS # 96-18-4.SEC Purity 98%	2,000.0	µg/mL	+/- 11.6281 +/- 44.2527 +/- 44.4331	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
54	trans-1,4-Dichloro-2-butene CAS # 110-57-6.SEC Purity 97%	2,000.0	µg/mL	+/- 11.6284 +/- 44.2540 +/- 44.4344	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
55	n-Propylbenzene CAS # 103-65-1.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
56	Bromobenzene CAS # 108-86-1.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
57	1,3,5-Trimethylbenzene CAS # 108-67-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
58	2-Chlorotoluene CAS # 95-49-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
59	4-Chlorotoluene CAS # 106-43-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
60	tert-Butylbenzene CAS # 98-06-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
61	1,2,4-Trimethylbenzene CAS # 95-63-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
62	sec-Butylbenzene CAS # 135-98-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
63	4-Isopropyltoluene (p-cymene) CAS # 99-87-6.SEC Purity 96%	2,000.1	µg/mL	+/- 11.6285 +/- 44.2545 +/- 44.4349	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
64	1,3-Dichlorobenzene CAS # 541-73-1.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
65	1,4-Dichlorobenzene CAS # 106-46-7.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
66	n-Butylbenzene CAS # 104-51-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282 +/- 44.2531 +/- 44.4335	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

67	1,2-Dichlorobenzene CAS # 95-50-1.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
68	1,2-Dibromo-3-chloropropane CAS # 96-12-8.SEC Purity 97%	2,000.0	µg/mL	+/- 11.6284	µg/mL	Gravimetric
69	1,2,4-Trichlorobenzene CAS # 120-82-1.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
70	Hexachlorobutadiene CAS # 87-68-3.SEC Purity 97%	2,000.0	µg/mL	+/- 11.6284	µg/mL	Gravimetric
71	Naphthalene CAS # 91-20-3.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
72	1,2,3-Trichlorobenzene CAS # 87-61-6.SEC Purity 99%	2,000.0	µg/mL	+/- 11.6282	µg/mL	Gravimetric
Solvent:	P&T Methanol CAS # 67-56-1 Purity 99%					

Column:

60m x .25mm x 1.4um
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant pressure 30 psi

Temp. Program:

40°C (hold 6 min.) to 240°C
@ 6°C/min. (hold 10 min.)

Inj. Temp:

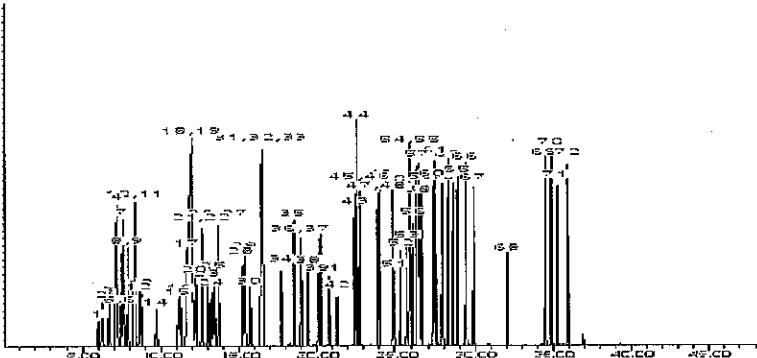
200°C

Det. Temp:

250°C

Det. Type:

MSD





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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567642

Lot No.: A093365

Description : 8260 List 1 / Std #2 Ketones

8260 List 1 / Std #2 Ketones 10,000 ug/ml, P&T Methanol/Water (90:10),
1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2016

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 67-64-1		+/- 798.6896	µg/mL	Unstressed
	Purity 99%		+/- 799.0807	µg/mL	Stressed
2	2-Butanone (MEK)	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 78-93-3		+/- 798.6896	µg/mL	Unstressed
	Purity 99%		+/- 799.0807	µg/mL	Stressed
3	4-Methyl-2-pentanone (MIBK)	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 108-10-1		+/- 798.6896	µg/mL	Unstressed
	Purity 99%		+/- 799.0807	µg/mL	Stressed
4	2-Hexanone	10,000.0 µg/mL	+/- 58.1378	µg/mL	Gravimetric
	CAS # 591-78-6		+/- 798.6896	µg/mL	Unstressed
	Purity 99%		+/- 799.0807	µg/mL	Stressed

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%



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Catalog No.: 567642.sec

Lot No.: A093472

Description : 8260 List 1 / Std #2 Ketones

8260/624 Ketones Standard 10,000 ug/ml, P&T Methanol/Water (90:10),
1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2016

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 67-64-1.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
2	2-Butanone (MEK)	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 78-93-3.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
3	4-Methyl-2-pentanone (MIBK)	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 108-10-1.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
4	2-Hexanone	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 591-78-6.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
Solvent:	P&T Methanol/Water (90:10)				
	CAS # 67-56-1/7732-18-5				
	Purity 99%				



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Catalog No.: 567642.sec

Lot No.: A093472

Description : 8260 List 1 / Std #2 Ketones

8260/624 Ketones Standard 10,000 ug/ml, P&T Methanol/Water (90:10),
1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2016

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetone	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 67-64-1.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
2	2-Butanone (MEK)	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 78-93-3.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
3	4-Methyl-2-pentanone (MIBK)	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 108-10-1.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
4	2-Hexanone	10,000.0 μg/mL	+/-	58.1409	μg/mL
	CAS # 591-78-6.SEC		+/-	798.6898	μg/mL
	Purity 99%		+/-	799.0809	μg/mL
Solvent:	P&T Methanol/Water (90:10)				
	CAS # 67-56-1/7732-18-5				
	Purity 99%				



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Catalog No.: 567643

Lot No.: A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol,
1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : December 31, 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether CAS # 110-75-8 Purity 99%	2,000.0 µg/mL (Lot MKBK2735V)	+/- 11.7371 µg/mL	+/- 44.2818 µg/mL	+/- 44.4621 µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.



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Catalog No.: 567643

Lot No.: A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol,
1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : December 31, 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether CAS # 110-75-8 Purity 99%	2,000.0 µg/mL (Lot MKBK2735V)	+/- 11.7371 µg/mL	+/- 44.2818 µg/mL	+/- 44.4621 µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.



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Catalog No.: 567643

Lot No.: A092294

Description : 8260 List 1 / Std #4 2-Chloroethylvinyl Ether

8260 List 1 / Std #4 2-Chloroethylvinyl Ether 2,000 ug/ml, P&T Methanol,
1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : December 31, 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether CAS # 110-75-8 Purity 99%	2,000.0 µg/mL (Lot MKBK2735V)	+/- 11.7371 µg/mL	+/- 44.2818 µg/mL	+/- 44.4621 µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.



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Rec: 1/21/14



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Catalog No. : 567644

Lot No.: A0100485

Description : 8260 List 1 / Std # 5 Acrolein

8260 List 1 / Std # 5 Acrolein 5000 ug/ml, Water, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : May 31, 2014

Storage: 10°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acrolein CAS # 107-02-8 Purity 99%	5,031.0 µg/mL (Lot 130830JLM)	+/- 29.5247	µg/mL	Gravimetric
			+/- 161.3219	µg/mL	Unstressed
			+/- 187.5154	µg/mL	Stressed

Solvent: Water
CAS # 7732-18-5
Purity 99%



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Catalog No.: 567644.sec

Lot No.: A0100586

Description : 8260 List 1 / Std # 5 Acrolein

8260 List 1 / Std # 5 Acrolein 5,000 ug/ml, Water, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : May 31, 2014

Storage: 10°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acrolein CAS # 107-02-8.SEC Purity 99%	5,004.0 µg/mL (Lot 2089700)	+/- 29.3663	µg/mL	Gravimetric
			+/- 160.4562	µg/mL	Unstressed
			+/- 186.5091	µg/mL	Stressed

Solvent: Water
CAS # 7732-18-5
Purity 99%



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Catalog No.: 567645

Lot No.: A093341

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12)	2,000.0 µg/mL	+/- 13.8716	µg/mL	Gravimetric
	CAS # 75-71-8		+/- 25.2661	µg/mL	Unstressed
	Purity 99%		+/- 28.2336	µg/mL	Stressed
2	Chloromethane (methyl chloride)	1,999.8 µg/mL	+/- 13.9993	µg/mL	Gravimetric
	CAS # 74-87-3		+/- 25.3348	µg/mL	Unstressed
	Purity 99%		+/- 28.2945	µg/mL	Stressed
3	Vinyl chloride	2,000.1 µg/mL	+/- 13.9625	µg/mL	Gravimetric
	CAS # 75-01-4		+/- 25.3168	µg/mL	Unstressed
	Purity 99%		+/- 28.2792	µg/mL	Stressed
4	1,3-Butadiene	2,000.0 µg/mL	+/- 13.3773	µg/mL	Gravimetric
	CAS # 106-99-0		+/- 24.9981	µg/mL	Unstressed
	Purity 99%		+/- 27.9940	µg/mL	Stressed
5	Bromomethane (methyl bromide)	2,000.1 µg/mL	+/- 14.2856	µg/mL	Gravimetric
	CAS # 74-83-9		+/- 25.4963	µg/mL	Unstressed
	Purity 99%		+/- 28.4399	µg/mL	Stressed
6	Chloroethane (ethyl chloride)	2,000.0 µg/mL	+/- 13.2200	µg/mL	Gravimetric
	CAS # 75-00-3		+/- 24.9143	µg/mL	Unstressed
	Purity 99%		+/- 27.9191	µg/mL	Stressed
7	Dichlorofluoromethane (CFC-21)	2,000.0 µg/mL	+/- 13.5174	µg/mL	Gravimetric
	CAS # 75-43-4		+/- 25.0735	µg/mL	Unstressed
	Purity 99%		+/- 28.0614	µg/mL	Stressed
8	Trichlorofluoromethane (CFC-11)	1,999.9 µg/mL	+/- 13.1170	µg/mL	Gravimetric
	CAS # 75-69-4		+/- 24.8590	µg/mL	Unstressed
	Purity 99%		+/- 27.8696	µg/mL	Stressed
Solvent:	P&T Methanol				
	CAS # 67-56-1				
	Purity 99%				



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Catalog No.: 567645

Lot No.: A093341

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12)	2,000.0 µg/mL	+/- 13.8716	µg/mL	Gravimetric
	CAS # 75-71-8		+/- 25.2661	µg/mL	Unstressed
	Purity 99%		+/- 28.2336	µg/mL	Stressed
2	Chloromethane (methyl chloride)	1,999.8 µg/mL	+/- 13.9993	µg/mL	Gravimetric
	CAS # 74-87-3		+/- 25.3348	µg/mL	Unstressed
	Purity 99%		+/- 28.2945	µg/mL	Stressed
3	Vinyl chloride	2,000.1 µg/mL	+/- 13.9625	µg/mL	Gravimetric
	CAS # 75-01-4		+/- 25.3168	µg/mL	Unstressed
	Purity 99%		+/- 28.2792	µg/mL	Stressed
4	1,3-Butadiene	2,000.0 µg/mL	+/- 13.3773	µg/mL	Gravimetric
	CAS # 106-99-0		+/- 24.9981	µg/mL	Unstressed
	Purity 99%		+/- 27.9940	µg/mL	Stressed
5	Bromomethane (methyl bromide)	2,000.1 µg/mL	+/- 14.2856	µg/mL	Gravimetric
	CAS # 74-83-9		+/- 25.4963	µg/mL	Unstressed
	Purity 99%		+/- 28.4399	µg/mL	Stressed
6	Chloroethane (ethyl chloride)	2,000.0 µg/mL	+/- 13.2200	µg/mL	Gravimetric
	CAS # 75-00-3		+/- 24.9143	µg/mL	Unstressed
	Purity 99%		+/- 27.9191	µg/mL	Stressed
7	Dichlorofluoromethane (CFC-21)	2,000.0 µg/mL	+/- 13.5174	µg/mL	Gravimetric
	CAS # 75-43-4		+/- 25.0735	µg/mL	Unstressed
	Purity 99%		+/- 28.0614	µg/mL	Stressed
8	Trichlorofluoromethane (CFC-11)	1,999.9 µg/mL	+/- 13.1170	µg/mL	Gravimetric
	CAS # 75-69-4		+/- 24.8590	µg/mL	Unstressed
	Purity 99%		+/- 27.8696	µg/mL	Stressed
Solvent:	P&T Methanol				
	CAS # 67-56-1				
	Purity 99%				



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Rec: 10/10/13

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Catalog No.: 567645.sec

Lot No.: A097497

Description : 8260 List 1 / Std #3 Gases

8260 List 1 / Std #3 Gases 2,000 ug/ml, P&T Methanol, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 31, 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dichlorodifluoromethane (CFC-12) CAS # 75-71-8.SEC Purity 99%	2,009.2 $\mu\text{g/mL}$	+/- 27.0938	$\mu\text{g/mL}$	Gravimetric
	(Lot 18348)		+/- 21.4697	$\mu\text{g/mL}$	Unstressed
			+/- 24.9232	$\mu\text{g/mL}$	Stressed
2	Chloromethane (methyl chloride) CAS # 74-87-3.SEC Purity 99%	1,989.6 $\mu\text{g/mL}$	+/- 33.3509	$\mu\text{g/mL}$	Gravimetric
	(Lot 18343)		+/- 21.3216	$\mu\text{g/mL}$	Unstressed
			+/- 24.7331	$\mu\text{g/mL}$	Stressed
3	Vinyl chloride CAS # 75-01-4.SEC Purity 99%	2,015.4 $\mu\text{g/mL}$	+/- 35.6394	$\mu\text{g/mL}$	Gravimetric
	(Lot MKBK6872V)		+/- 21.6155	$\mu\text{g/mL}$	Unstressed
			+/- 25.0688	$\mu\text{g/mL}$	Stressed
4	1,3-Butadiene CAS # 106-99-0.SEC Purity 99%	1,997.0 $\mu\text{g/mL}$	+/- 20.7908	$\mu\text{g/mL}$	Gravimetric
	(Lot 18349)		+/- 21.2817	$\mu\text{g/mL}$	Unstressed
			+/- 24.7222	$\mu\text{g/mL}$	Stressed
5	Bromomethane (methyl bromide) CAS # 74-83-9.SEC Purity 99%	1,997.0 $\mu\text{g/mL}$	+/- 41.6479	$\mu\text{g/mL}$	Gravimetric
	(Lot Q119-46)		+/- 21.4773	$\mu\text{g/mL}$	Unstressed
			+/- 24.8911	$\mu\text{g/mL}$	Stressed
6	Chloroethane (ethyl chloride) CAS # 75-00-3.SEC Purity 99%	1,987.6 $\mu\text{g/mL}$	+/- 48.2188	$\mu\text{g/mL}$	Gravimetric
	(Lot Q18B-13)		+/- 21.4383	$\mu\text{g/mL}$	Unstressed
			+/- 24.8273	$\mu\text{g/mL}$	Stressed
7	Dichlorofluoromethane (CFC-21) CAS # 75-43-4.SEC Purity 99%	1,993.5 $\mu\text{g/mL}$	+/- 60.2307	$\mu\text{g/mL}$	Gravimetric
	(Lot SHBC0858V)		+/- 21.6122	$\mu\text{g/mL}$	Unstressed
			+/- 24.9964	$\mu\text{g/mL}$	Stressed
8	Trichlorofluoromethane (CFC-11) CAS # 75-69-4.SEC Purity 99%	2,001.3 $\mu\text{g/mL}$	+/- 39.9125	$\mu\text{g/mL}$	Gravimetric
	(Lot Q139-99)		+/- 21.5062	$\mu\text{g/mL}$	Unstressed
			+/- 24.9295	$\mu\text{g/mL}$	Stressed

Rec: 12/10/2013



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: (800)356-1688
 Fax: (814)353-1309

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567646

Lot No.: A099480

Description : 8260 List 1 / Std #6 Vinyl Acetate

8260 List 1 / Std #6 Vinyl Acetate 4000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : May 31, 2014

Storage: 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate	3,994.0 µg/mL	+/- 23.4390	µg/mL	Gravimetric
	CAS # 108-05-4	(Lot 131011JLM)	+/- 318.1798	µg/mL	Unstressed
	Purity 99%		+/- 318.3364	µg/mL	Stressed

Solvent: P&T Methanol
 CAS # 67-56-1
 Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Re: 1/24/14



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Catalog No. : 567646.SEC

Lot No.: A0100444

Description : 8260 List 1 / Std #6 Vinyl Acetate

8260 List 1 / Std #6 Vinyl Acetate 4000 ug/mL, P&T Methanol, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2014

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate CAS # 108-05-4.SEC Purity 99%	4,010.0 µg/mL	+/- 23.5329	µg/mL	Gravimetric

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.



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Catalog No.: 567647

Lot No.: A093634

Description : 8260 List 2 / Std #1 Additions

8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 2014

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Ethanol	100,000.0 µg/mL	+/- 581.3782	µg/mL	Gravimetric
	CAS # 64-17-5		+/- 7,986.8956	µg/mL	Unstressed
	Purity 99%		+/- 7,990.8073	µg/mL	Stressed
2	2-Propanol (isopropanol)	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 67-63-0		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
3	Acetonitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 75-05-8		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
4	Diisopropyl ether (DIPE)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 108-20-3		+/- 159.7380	µg/mL	Unstressed
	Purity 99%		+/- 159.8162	µg/mL	Stressed
5	Chloroprene (2-chloro-1,3-butadiene)	2,000.0 µg/mL	+/- 14.2042	µg/mL	Gravimetric
	CAS # 126-99-8		+/- 159.9461	µg/mL	Unstressed
	Purity 99%		+/- 160.0242	µg/mL	Stressed
6	Ethyl-tert-butyl ether (ETBE)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 637-92-3		+/- 159.7380	µg/mL	Unstressed
	Purity 99%		+/- 159.8162	µg/mL	Stressed
7	Propionitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 107-12-0		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
8	Ethyl acetate	4,000.0 µg/mL	+/- 23.2563	µg/mL	Gravimetric
	CAS # 141-78-6		+/- 319.4759	µg/mL	Unstressed
	Purity 99%		+/- 319.6324	µg/mL	Stressed
9	Methacrylonitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 126-98-7		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed

10	tert-Amyl methyl ether (TAME) CAS # 994-05-8 Purity 99%	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
				+/-	159.7380	µg/mL	Unstressed
				+/-	159.8162	µg/mL	Stressed
11	1-Butanol CAS # 71-36-3 Purity 99%	50,000.0	µg/mL	+/-	290.6891	µg/mL	Gravimetric
				+/-	3,993.4478	µg/mL	Unstressed
				+/-	3,995.4036	µg/mL	Stressed
12	Ethyl acrylate CAS # 140-88-5 Purity 99%	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
				+/-	159.7380	µg/mL	Unstressed
				+/-	159.8162	µg/mL	Stressed
13	Methyl methacrylate CAS # 80-62-6 Purity 99%	4,000.0	µg/mL	+/-	23.2563	µg/mL	Gravimetric
				+/-	319.4759	µg/mL	Unstressed
				+/-	319.6324	µg/mL	Stressed
14	2-Nitropropane CAS # 79-46-9 Purity 97%	4,000.1	µg/mL	+/-	23.2568	µg/mL	Gravimetric
				+/-	319.4828	µg/mL	Unstressed
				+/-	319.6393	µg/mL	Stressed
15	Butyl acetate CAS # 123-86-4 Purity 99%	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
				+/-	159.7380	µg/mL	Unstressed
				+/-	159.8162	µg/mL	Stressed
16	1,2,3-Trimethylbenzene CAS # 526-73-8 Purity 97%	1,999.9	µg/mL	+/-	11.6279	µg/mL	Gravimetric
				+/-	159.7336	µg/mL	Unstressed
				+/-	159.8119	µg/mL	Stressed
17	Benzyl chloride CAS # 100-44-7 Purity 99%	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
				+/-	159.7380	µg/mL	Unstressed
				+/-	159.8162	µg/mL	Stressed
18	1,3,5-Trichlorobenzene CAS # 108-70-3 Purity 99%	2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
				+/-	159.7380	µg/mL	Unstressed
				+/-	159.8162	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:

Carrier Gas:

Temp. Program:

Temp. Program:

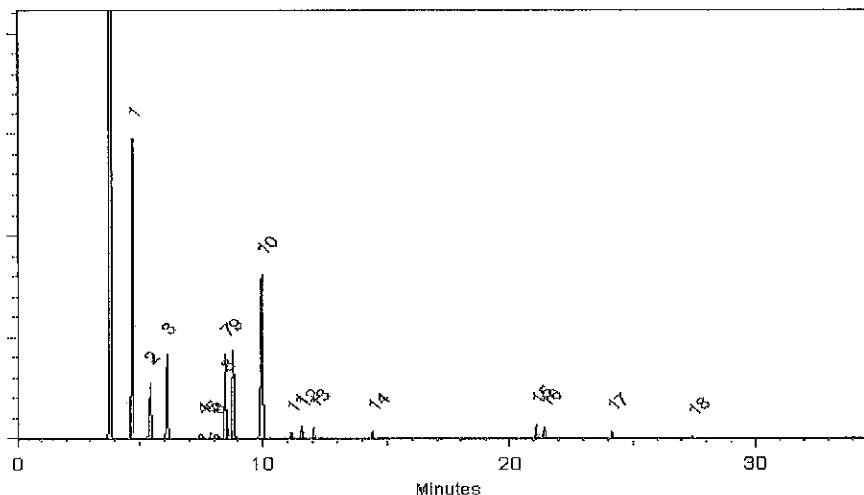
Inj. Tempn.

Inj. 1

Det. Temp:

250°C

Det. Type:



Jennifer L. Pollino - QC Analyst

Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013

Balance: B251644995

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397



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Catalog No.: 567647

Lot No.: A093634

Description : 8260 List 2 / Std #1 Additions

8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : August 2014

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Ethanol	100,000.0 µg/mL	+/- 581.3782	µg/mL	Gravimetric
	CAS # 64-17-5		+/- 7,986.8956	µg/mL	Unstressed
	Purity 99%		+/- 7,990.8073	µg/mL	Stressed
2	2-Propanol (isopropanol)	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 67-63-0		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
3	Acetonitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 75-05-8		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
4	Diisopropyl ether (DIPE)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 108-20-3		+/- 159.7380	µg/mL	Unstressed
	Purity 99%		+/- 159.8162	µg/mL	Stressed
5	Chloroprene (2-chloro-1,3-butadiene)	2,000.0 µg/mL	+/- 14.2042	µg/mL	Gravimetric
	CAS # 126-99-8		+/- 159.9461	µg/mL	Unstressed
	Purity 99%		+/- 160.0242	µg/mL	Stressed
6	Ethyl-tert-butyl ether (ETBE)	2,000.0 µg/mL	+/- 11.6282	µg/mL	Gravimetric
	CAS # 637-92-3		+/- 159.7380	µg/mL	Unstressed
	Purity 99%		+/- 159.8162	µg/mL	Stressed
7	Propionitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 107-12-0		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed
8	Ethyl acetate	4,000.0 µg/mL	+/- 23.2563	µg/mL	Gravimetric
	CAS # 141-78-6		+/- 319.4759	µg/mL	Unstressed
	Purity 99%		+/- 319.6324	µg/mL	Stressed
9	Methacrylonitrile	20,000.0 µg/mL	+/- 116.2756	µg/mL	Gravimetric
	CAS # 126-98-7		+/- 1,597.3791	µg/mL	Unstressed
	Purity 99%		+/- 1,598.1615	µg/mL	Stressed

10	tert-Amyl methyl ether (TAME) CAS # 994-05-8 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 159.7380 +/- 159.8162	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
11	1-Butanol CAS # 71-36-3 Purity 99%	50,000.0 µg/mL	+/- 290.6891 +/- 3,993.4478 +/- 3,995.4036	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
12	Ethyl acrylate CAS # 140-88-5 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 159.7380 +/- 159.8162	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
13	Methyl methacrylate CAS # 80-62-6 Purity 99%	4,000.0 µg/mL	+/- 23.2563 +/- 319.4759 +/- 319.6324	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
14	2-Nitropropane CAS # 79-46-9 Purity 97%	4,000.1 µg/mL	+/- 23.2568 +/- 319.4828 +/- 319.6393	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
15	Butyl acetate CAS # 123-86-4 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 159.7380 +/- 159.8162	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
16	1,2,3-Trimethylbenzene CAS # 526-73-8 Purity 97%	1,999.9 µg/mL	+/- 11.6279 +/- 159.7336 +/- 159.8119	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
17	Benzyl chloride CAS # 100-44-7 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 159.7380 +/- 159.8162	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
18	1,3,5-Trichlorobenzene CAS # 108-70-3 Purity 99%	2,000.0 µg/mL	+/- 11.6282 +/- 159.7380 +/- 159.8162	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:

105m x .53mm x 3.0um
 Rtx-502.2 (cat.# 10910)

Carrier Gas:

hydrogen-constant pressure 11 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
 @ 8°C/min. (hold 25 min.)

Inj. Temp:

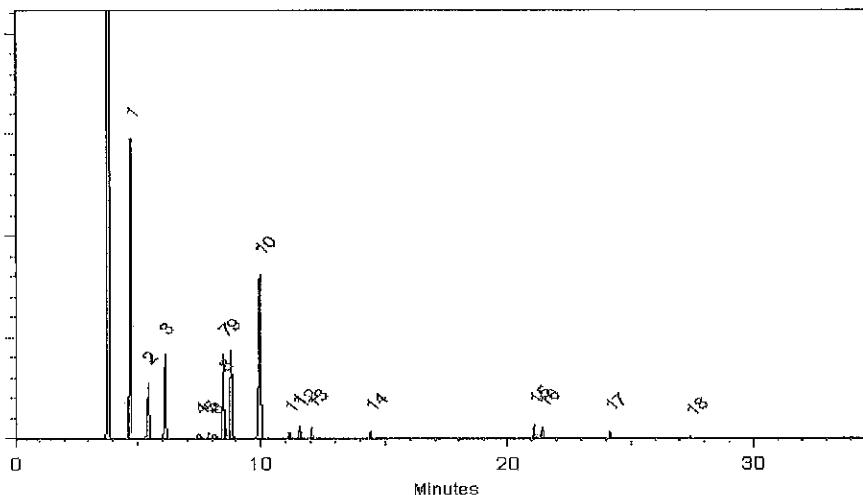
200°C

Det. Temp:

250°C

Det. Type:

FID



Jennifer L. Pollino

Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013

Balance: B251644995

Manufactured under Restek's ISO 9001:2008
 Registered Quality System
 Certificate #FM 80397



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Catalog No.:	<u>567647.sec</u>	Lot No.:	<u>A093665</u>
Description :	<u>8260 List 2 / Std #1 Additions</u>		
8260 List 2 / Std #1 Additions 2,000-100,000 ug/ml, P&T Methanol, 1 ml/ampul			
Container Size :	<u>2 mL</u>	Pkg Amt:	<u>> 1 mL</u>
Expiration Date :	<u>August 2014</u>		
		Storage:	<u>0°C or colder</u>

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Ethanol	100,000.0 µg/mL	+/- 585.4918	µg/mL	Gravimetric
	CAS # 64-17-5.SEC		+/- 7,987.1960	µg/mL	Unstressed
	Purity 99%		+/- 7,991.1076	µg/mL	Stressed
2	2-Propanol (isopropanol)	20,000.0 µg/mL	+/- 117.1044	µg/mL	Gravimetric
	CAS # 67-63-0.SEC		+/- 1,597.4397	µg/mL	Unstressed
	Purity 99%		+/- 1,598.2220	µg/mL	Stressed
3	Acetonitrile	20,000.0 µg/mL	+/- 117.1044	µg/mL	Gravimetric
	CAS # 75-05-8.SEC		+/- 1,597.4397	µg/mL	Unstressed
	Purity 99%		+/- 1,598.2220	µg/mL	Stressed
4	Diisopropyl ether (DIPE)	2,000.0 µg/mL	+/- 11.7370	µg/mL	Gravimetric
	CAS # 108-20-3.SEC		+/- 159.7446	µg/mL	Unstressed
	Purity 98%		+/- 159.8229	µg/mL	Stressed
5	Chloroprene (2-chloro-1,3-butadiene)	2,000.0 µg/mL	+/- 26.7522	µg/mL	Gravimetric
	CAS # 126-99-8		+/- 161.5447	µg/mL	Unstressed
	Purity 99%		+/- 161.6220	µg/mL	Stressed
6	Ethyl-tert-butyl ether (ETBE)	2,000.0 µg/mL	+/- 11.7371	µg/mL	Gravimetric
	CAS # 637-92-3.SEC		+/- 159.7459	µg/mL	Unstressed
	Purity 99%		+/- 159.8242	µg/mL	Stressed
7	Propionitrile	20,000.0 µg/mL	+/- 117.1044	µg/mL	Gravimetric
	CAS # 107-12-0.SEC		+/- 1,597.4397	µg/mL	Unstressed
	Purity 99%		+/- 1,598.2220	µg/mL	Stressed
8	Ethyl acetate	4,000.0 µg/mL	+/- 23.4209	µg/mL	Gravimetric
	CAS # 141-78-6.SEC		+/- 319.4879	µg/mL	Unstressed
	Purity 99%		+/- 319.6444	µg/mL	Stressed
9	Methacrylonitrile	19,999.8 µg/mL	+/- 117.1035	µg/mL	Gravimetric
	CAS # 126-98-7.SEC		+/- 1,597.4269	µg/mL	Unstressed
	Purity 98%		+/- 1,598.2092	µg/mL	Stressed

10	tert-Amyl methyl ether (TAME) CAS # 994-05-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed
11	1-Butanol CAS # 71-36-3.SEC Purity 99%	50,000.0	µg/mL	+/- 292.7459	µg/mL	Gravimetric
				+/- 3,993.5980	µg/mL	Unstressed
				+/- 3,995.5538	µg/mL	Stressed
12	Ethyl acrylate CAS # 140-88-5.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed
13	Methyl methacrylate CAS # 80-62-6.SEC Purity 99%	4,000.0	µg/mL	+/- 23.4209	µg/mL	Gravimetric
				+/- 319.4879	µg/mL	Unstressed
				+/- 319.6444	µg/mL	Stressed
14	2-Nitropropane CAS # 79-46-9.SEC Purity 98%	4,000.4	µg/mL	+/- 23.4230	µg/mL	Gravimetric
				+/- 319.5167	µg/mL	Unstressed
				+/- 319.6732	µg/mL	Stressed
15	Butyl acetate CAS # 123-86-4.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed
16	1,2,3-Trimethylbenzene CAS # 526-73-8.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed
17	Benzyl chloride CAS # 100-44-7.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed
18	1,3,5-Trichlorobenzene CAS # 108-70-3.SEC Purity 99%	2,000.0	µg/mL	+/- 11.7371	µg/mL	Gravimetric
				+/- 159.7459	µg/mL	Unstressed
				+/- 159.8242	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Column:
 105m x .53mm x 3.0um
 Rtx-502.2 (cat.# 10910)

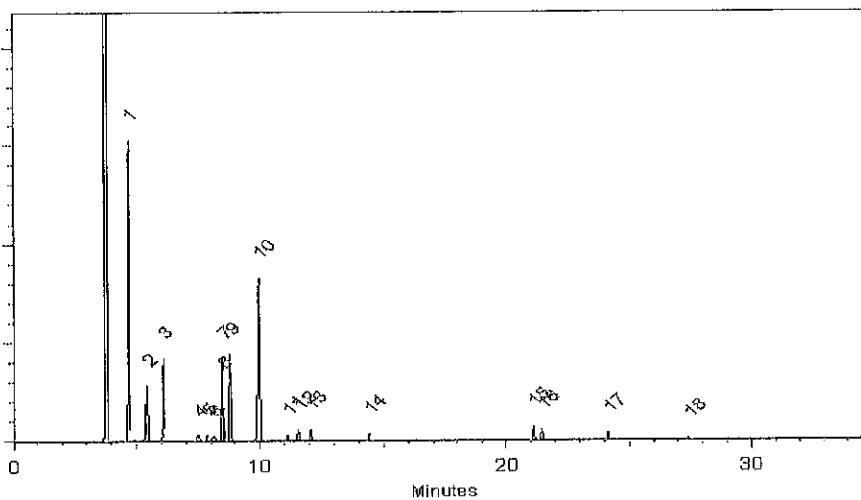
Carrier Gas:
 hydrogen-constant pressure 11 psl.

Temp. Program:
 40°C (hold 2 min.) to 240°C
 @ 8°C/min. (hold 25 min.)

Inj. Temp:
 200°C

Det. Temp:
 250°C

Det. Type:
 FID



Jennifer L. Pollino
 Jennifer L. Pollino - QC Analyst

Date Passed: 21-Feb-2013 Balance: 1125113331

Manufactured under Restek's ISO 9001:2008
 Registered Quality System
 Certificate #FM 80397



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Catalog No. : 567648

Lot No.: A093361

Description : 8260 List 2 / Std #3 Cyclohexanone

8260 List 2 / Std #3 Cyclohexanone 20,000 ug/mL, Water, 1 mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2016

Storage: 10°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Cyclohexanone	20,000.0 µg/mL	+/-	116.2756	µg/mL
	CAS # 108-94-1		+/-	1,597.3791	µg/mL
	Purity 99%		+/-	1,598.1615	µg/mL
Solvent:	Water				Gravimetric
	CAS # 7732-18-5				Unstressed
	Purity 99%				Stressed



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

10



Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567650

Lot No.: A093505

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500 ug/mL, P&T Methanol, 5 mL/ampul

Container Size : 5 mL

Pkg Amt: > 5 mL

Expiration Date : February 2018

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Dibromofluoromethane	2,500.0 µg/mL	+/- 14.5352	µg/mL	Gravimetric
	CAS # 1868-53-7		+/- 30.1344	µg/mL	Unstressed
	Purity 99%		+/- 34.0022	µg/mL	Stressed
2	1,2-Dichloroethane-d4	2,500.0 µg/mL	+/- 14.5352	µg/mL	Gravimetric
	CAS # 17060-07-0		+/- 30.1344	µg/mL	Unstressed
	Purity 99%		+/- 34.0022	µg/mL	Stressed
3	Toluene-d8	2,500.0 µg/mL	+/- 14.5352	µg/mL	Gravimetric
	CAS # 2037-26-5		+/- 30.1344	µg/mL	Unstressed
	Purity 99%		+/- 34.0022	µg/mL	Stressed
4	1-Bromo-4-fluorobenzene (BFB)	2,500.0 µg/mL	+/- 14.5352	µg/mL	Gravimetric
	CAS # 460-00-4		+/- 30.1344	µg/mL	Unstressed
	Purity 99%		+/- 34.0022	µg/mL	Stressed
Solvent:	P&T Methanol				
	CAS # 67-56-1				
	Purity 99%				

2-11



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4



Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567719 Lot No.: A093359
Description : 8260 List 2 / Std #2
8260 List 2 / Std #2 2,000 ug/ml, P&T Methanol, 1 ml/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : February 2015 Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane	2,000.0 µg/mL	+/-	11.6550	µg/mL
	CAS # 76-01-7		+/-	24.1205	µg/mL
	Purity 99%		+/-	27.2132	µg/mL
2	2-Methylnaphthalene	1,999.9 µg/mL	+/-	11.6546	µg/mL
	CAS # 91-57-6		+/-	24.1196	µg/mL
	Purity 96%		+/-	27.2121	µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7



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4



Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567719

Lot No.: A093359

Description : 8260 List 2 / Std #2

8260 List 2 / Std #2 2,000 µg/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : February 2015

Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane	2,000.0 µg/mL	+/-	11.6550	µg/mL
	CAS # 76-01-7		+/-	24.1205	µg/mL
	Purity 99%		+/-	27.2132	µg/mL
2	2-Methylnaphthalene	1,999.9 µg/mL	+/-	11.6546	µg/mL
	CAS # 91-57-6		+/-	24.1196	µg/mL
	Purity 96%		+/-	27.2121	µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7



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4



Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 567719 Lot No.: A093359
Description : 8260 List 2 / Std #2
8260 List 2 / Std #2 2,000 ug/ml, P&T Methanol, 1 ml/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : February 2015 Storage: 0°C or colder

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Pentachloroethane	2,000.0 µg/mL	+/-	11.6550	µg/mL
	CAS # 76-01-7		+/-	24.1205	µg/mL
	Purity 99%		+/-	27.2132	µg/mL
2	2-Methylnaphthalene	1,999.9 µg/mL	+/-	11.6546	µg/mL
	CAS # 91-57-6		+/-	24.1196	µg/mL
	Purity 96%		+/-	27.2121	µg/mL

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

2-7



Certificate of Analysis

11/5/12
TS

1-Chlorohexane Solution

Product Number: EPA-1208

Page: 1 of 1

Lot Number: CJ-1332

Lot Issue Date: 20-Apr-2012

Expiration Date: 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
1-chlorohexane	000544-10-5	RM04263	1003 ± 5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0861-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com



Certificate of Analysis

6/1/12
B

Internal Standard Mixture

Product Number: STM-520

Page: 1 of 1

Lot Number: CH-3660

Lot Issue Date: 15-Nov-2011

Expiration Date: 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM01430-01	2503 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700-06	2500 ± 13 µg/mL
fluorobenzene	000462-06-6	RM03366-01	2513 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM STM520-00017

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0861-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leahy
Quality Assurance Manager

Certification Summary

Client: TRC Environmental Corp-Payne Firm
Project/Site: EMD Millipore

TestAmerica Job ID: 240-36937-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAP	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAP	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky (UST)	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAP	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	
TestAmerica Canton	USDA	Federal		P330-13-00319
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW015BR/050614	240-36937-1	98	99	90	83
MW015R/050614	240-36937-2	94	98	92	84
MW044/050614	240-36937-3	86	78	87	76
MW031A/050614	240-36937-4	98	98	95	91
MW031D/050614	240-36937-5	98	99	92	85
MW041/050614	240-36937-6	99	82	85	79
MW001R/050614	240-36937-7	88	80	88	79
MW001AR/050614	240-36937-8	88	84	86	84
MW021A/050614	240-36937-9	86	78	86	76
MW030/050614	240-36937-10	84	79	86	76
MW025/050614	240-36937-11	85	79	86	75
TB01/050614	240-36937-12	85	76	84	74
	MB 240-130294/5	85	79	85	88
	MB 240-130687/5	85	79	87	80
	MB 240-130826/6	93	103	85	84
	LCS 240-130294/4	83	80	86	95
	LCS 240-130687/4	83	78	90	93
	LCS 240-130826/4	91	91	95	95

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

<u>QC LIMITS</u>	
	75-121
	63-129
	74-120
	66-120

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXJ8249.D
Lab ID: LCS 240-130294/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	18.8	94	43-136	
Acrolein	50.0	50.2	100	51-170	
Acrylonitrile	100	94.5	95	66-132	
Benzene	10.0	9.79	98	80-120	
Bromodichloromethane	10.0	9.82	98	72-121	
Bromoform	10.0	8.93	89	40-131	
Bromomethane	10.0	9.22	92	11-185	
2-Butanone	20.0	17.7	88	60-126	
Carbon disulfide	10.0	9.21	92	62-142	
Carbon tetrachloride	10.0	10.2	102	66-128	
Chlorobenzene	10.0	9.42	94	80-120	
Chloroethane	10.0	9.20	92	25-153	
Chloroform	10.0	9.69	97	79-120	
Chloromethane	10.0	8.63	86	44-126	
3-Chloro-1-propene	10.0	9.31	93	40-160	
cis-1,2-Dichloroethene	10.0	9.61	96	80-120	
cis-1,3-Dichloropropene	10.0	9.42	94	61-120	
Dibromochloromethane	10.0	9.84	98	64-120	
1,2-Dibromo-3-Chloropropane	10.0	9.65	97	42-136	
Dibromomethane	10.0	9.60	96	80-120	
Dichlorodifluoromethane	10.0	6.18	62	19-129	
1,1-Dichloroethane	10.0	10.0	100	80-120	
1,2-Dichloroethane	10.0	9.54	95	71-127	
1,1-Dichloroethene	10.0	9.10	91	78-131	
1,2-Dichloroethene, Total	20.0	19.6	98	80-120	
1,2-Dichloropropane	10.0	9.87	99	80-120	
1,4-Dioxane	200	101	51	50-150	
Ethylbenzene	10.0	9.20	92	80-120	
Ethylene Dibromide	10.0	9.59	96	79-120	
Ethyl methacrylate	10.0	9.22	92	40-160	
2-Hexanone	20.0	18.9	95	55-133	
Iodomethane	10.0	9.85	98	72-141	
Isobutanol	250	238	95	40-160	
Methylene Chloride	10.0	9.42	94	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	18.7	93	63-128	
m-Xylene & p-Xylene	10.0	9.50	95	80-120	
o-Xylene	10.0	9.67	97	80-120	
Styrene	10.0	9.17	92	79-120	
1,1,1,2-Tetrachloroethane	10.0	9.63	96	72-120	
1,1,2,2-Tetrachloroethane	10.0	8.89	89	68-120	
Tetrachloroethene	10.0	9.53	95	79-120	
Toluene	10.0	9.69	97	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXJ8249.D
Lab ID: LCS 240-130294/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	8.13	81	10-199	
trans-1,2-Dichloroethene	10.0	9.97	100	80-120	
trans-1,3-Dichloropropene	10.0	10.4	104	58-120	
1,1,1-Trichloroethane	10.0	9.98	100	74-120	
1,1,2-Trichloroethane	10.0	9.08	91	80-120	
Trichloroethene	10.0	9.75	97	76-120	
Trichlorofluoromethane	10.0	8.49	85	49-157	
1,2,3-Trichloropropane	10.0	9.75	97	73-129	
Vinyl acetate	8.00	9.34	117	46-161	
Vinyl chloride	10.0	8.62	86	53-127	
Xylenes, Total	20.0	19.2	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXJ8337.D
Lab ID: LCS 240-130687/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	16.4	82	43-136	
Acrolein	50.0	43.3	87	51-170	
Acrylonitrile	100	92.8	93	66-132	
Benzene	10.0	9.20	92	80-120	
Bromodichloromethane	10.0	9.13	91	72-121	
Bromoform	10.0	8.60	86	40-131	
Bromomethane	10.0	8.18	82	11-185	
2-Butanone	20.0	18.0	90	60-126	
Carbon disulfide	10.0	8.20	82	62-142	
Carbon tetrachloride	10.0	10.6	106	66-128	
Chlorobenzene	10.0	8.95	90	80-120	
Chloroethane	10.0	8.73	87	25-153	
Chloroform	10.0	9.26	93	79-120	
Chloromethane	10.0	9.11	91	44-126	
3-Chloro-1-propene	10.0	9.24	92	40-160	
cis-1,2-Dichloroethene	10.0	9.20	92	80-120	
cis-1,3-Dichloropropene	10.0	8.88	89	61-120	
Dibromochloromethane	10.0	9.44	94	64-120	
1,2-Dibromo-3-Chloropropane	10.0	9.11	91	42-136	
Dibromomethane	10.0	9.30	93	80-120	
Dichlorodifluoromethane	10.0	7.33	73	19-129	
1,1-Dichloroethane	10.0	9.52	95	80-120	
1,2-Dichloroethane	10.0	8.98	90	71-127	
1,1-Dichloroethene	10.0	8.88	89	78-131	
1,2-Dichloroethene, Total	20.0	18.6	93	80-120	
1,2-Dichloropropane	10.0	9.52	95	80-120	
1,4-Dioxane	200	99.6	50	50-150	
Ethylbenzene	10.0	8.99	90	80-120	
Ethylene Dibromide	10.0	9.20	92	79-120	
Ethyl methacrylate	10.0	9.26	93	40-160	
2-Hexanone	20.0	17.6	88	55-133	
Iodomethane	10.0	8.84	88	72-141	
Isobutanol	250	224	90	40-160	
Methylene Chloride	10.0	9.86	99	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	17.7	89	63-128	
m-Xylene & p-Xylene	10.0	8.66	87	80-120	
o-Xylene	10.0	9.18	92	80-120	
Styrene	10.0	8.55	86	79-120	
1,1,1,2-Tetrachloroethane	10.0	9.43	94	72-120	
1,1,2,2-Tetrachloroethane	10.0	8.66	87	68-120	
Tetrachloroethene	10.0	9.57	96	79-120	
Toluene	10.0	9.50	95	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXJ8337.D
Lab ID: LCS 240-130687/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	8.21	82	10-199	
trans-1,2-Dichloroethene	10.0	9.39	94	80-120	
trans-1,3-Dichloropropene	10.0	10.1	101	58-120	
1,1,1-Trichloroethane	10.0	10.5	105	74-120	
1,1,2-Trichloroethane	10.0	9.52	95	80-120	
Trichloroethene	10.0	9.15	92	76-120	
Trichlorofluoromethane	10.0	11.2	112	49-157	
1,2,3-Trichloropropane	10.0	8.77	88	73-129	
Vinyl acetate	8.00	9.44	118	46-161	
Vinyl chloride	10.0	8.57	86	53-127	
Xylenes, Total	20.0	17.8	89	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXR3388.D
Lab ID: LCS 240-130826/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	24.5	123	43-136	
Acrolein	50.0	31.8	64	51-170	
Acrylonitrile	100	114	114	66-132	
Benzene	10.0	9.60	96	80-120	
Bromodichloromethane	10.0	10.3	103	72-121	
Bromoform	10.0	10.9	109	40-131	
Bromomethane	10.0	5.82	58	11-185	
2-Butanone	20.0	24.9	124	60-126	
Carbon disulfide	10.0	8.51	85	62-142	
Carbon tetrachloride	10.0	10.4	104	66-128	
Chlorobenzene	10.0	10.0	100	80-120	
Chloroethane	10.0	4.53	45	25-153	
Chloroform	10.0	9.93	99	79-120	
Chloromethane	10.0	8.60	86	44-126	
3-Chloro-1-propene	10.0	9.17	92	40-160	
cis-1,2-Dichloroethene	10.0	9.57	96	80-120	
cis-1,3-Dichloropropene	10.0	11.0	110	61-120	
Dibromochloromethane	10.0	10.6	106	64-120	
1,2-Dibromo-3-Chloropropane	10.0	10.7	107	42-136	
Dibromomethane	10.0	10.3	103	80-120	
Dichlorodifluoromethane	10.0	7.28	73	19-129	
1,1-Dichloroethane	10.0	10.1	101	80-120	
1,2-Dichloroethane	10.0	10.2	102	71-127	
1,1-Dichloroethene	10.0	9.07	91	78-131	
1,2-Dichloroethene, Total	20.0	19.2	96	80-120	
1,2-Dichloropropane	10.0	10.6	106	80-120	
1,4-Dioxane	200	209	105	50-150	
Ethylbenzene	10.0	10.4	104	80-120	
Ethylene Dibromide	10.0	11.0	110	79-120	
Ethyl methacrylate	10.0	10.8	108	40-160	
2-Hexanone	20.0	24.1	120	55-133	
Iodomethane	10.0	8.65	86	72-141	
Isobutanol	250	272	109	40-160	
Methylene Chloride	10.0	9.93	99	66-131	
4-Methyl-2-pentanone (MIBK)	20.0	24.6	123	63-128	
m-Xylene & p-Xylene	10.0	10.4	104	80-120	
o-Xylene	10.0	10.5	105	80-120	
Styrene	10.0	10.2	102	79-120	
1,1,1,2-Tetrachloroethane	10.0	10.5	105	72-120	
1,1,2,2-Tetrachloroethane	10.0	11.1	111	68-120	
Tetrachloroethene	10.0	10.6	106	79-120	
Toluene	10.0	10.4	104	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: UXR3388.D
Lab ID: LCS 240-130826/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
trans-1,4-Dichloro-2-butene	10.0	9.73	97	10-199	
trans-1,2-Dichloroethene	10.0	9.60	96	80-120	
trans-1,3-Dichloropropene	10.0	11.1	111	58-120	
1,1,1-Trichloroethane	10.0	9.71	97	74-120	
1,1,2-Trichloroethane	10.0	10.7	107	80-120	
Trichloroethene	10.0	10.1	101	76-120	
Trichlorofluoromethane	10.0	7.76	78	49-157	
1,2,3-Trichloropropane	10.0	10.9	109	73-129	
Vinyl acetate	8.00	13.9	174	46-161	*
Vinyl chloride	10.0	8.83	88	53-127	
Xylenes, Total	20.0	20.9	105	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: UXJ8251.D Lab Sample ID: MB 240-130294/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: A3UX11 Date Analyzed: 05/13/2014 00:19
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-130294/4	UXJ8249.D	05/12/2014 23:32
MW001AR/050614	240-36937-8	UXJ8252.D	05/13/2014 00:42

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: UXJ8339.D Lab Sample ID: MB 240-130687/5
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: A3UX11 Date Analyzed: 05/14/2014 23:25
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW044/050614	LCS 240-130687/4	UXJ8337.D	05/14/2014 22:38
MW041/050614	240-36937-3	UXJ8340.D	05/14/2014 23:48
MW001R/050614	240-36937-6	UXJ8341.D	05/15/2014 00:12
MW021A/050614	240-36937-7	UXJ8342.D	05/15/2014 00:35
MW030/050614	240-36937-9	UXJ8343.D	05/15/2014 00:58
MW025/050614	240-36937-10	UXJ8344.D	05/15/2014 01:22
TB01/050614	240-36937-11	UXJ8345.D	05/15/2014 01:45
	240-36937-12	UXJ8346.D	05/15/2014 02:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: UXR3390.D Lab Sample ID: MB 240-130826/6
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: A3UX17 Date Analyzed: 05/15/2014 13:00
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW015BR/050614	LCS 240-130826/4	UXR3388.D	05/15/2014 12:15
MW015R/050614	240-36937-1	UXR3405.D	05/15/2014 18:59
MW031A/050614	240-36937-2	UXR3406.D	05/15/2014 19:21
MW031D/050614	240-36937-4	UXR3407.D	05/15/2014 19:43
	240-36937-5	UXR3408.D	05/15/2014 20:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: BFB509E.D BFB Injection Date: 05/09/2014
Instrument ID: A3UX11 BFB Injection Time: 13:06
Analysis Batch No.: 130073

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.9
75	30.0 - 60.0 % of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	70.7
175	5.0 - 9.0 % of mass 174	5.3 (7.5)1
176	95.0 - 101.0 % of mass 174	68.6 (97.0)1
177	5.0 - 9.0 % of mass 176	4.3 (6.3)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-130073/2	UXJ8173.D	05/09/2014	14:22
	STD8260 240-130073/3	UXJ8174.D	05/09/2014	14:46
	STD8260 240-130073/4	UXJ8175.D	05/09/2014	15:09
	STD8260 240-130073/5	UXJ8176.D	05/09/2014	15:33
	STD8260 240-130073/6	UXJ8177.D	05/09/2014	15:56
	STD8260 240-130073/7	UXJ8178.D	05/09/2014	16:18
	STD6 240-130073/8	UXJ8179.D	05/09/2014	16:42
	STD5 240-130073/9	UXJ8180.D	05/09/2014	17:05
	STD4 240-130073/10	UXJ8181.D	05/09/2014	17:29
	STD3 240-130073/11	UXJ8182.D	05/09/2014	17:51
	STD2 240-130073/12	UXJ8183.D	05/09/2014	18:15
	STD1 240-130073/13	UXJ8184.D	05/09/2014	18:38
	ICV 240-130073/14	UXJ8185.D	05/09/2014	19:00
	ICV 240-130073/15	UXJ8186.D	05/09/2014	19:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: UXJ8246.D BFB Injection Date: 05/12/2014
Instrument ID: A3UX11 BFB Injection Time: 22:22
Analysis Batch No.: 130294

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.4
75	30.0 - 60.0 % of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.2
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	83.3
175	5.0 - 9.0 % of mass 174	6.4 (7.7)1
176	95.0 - 101.0 % of mass 174	79.8 (95.8)1
177	5.0 - 9.0 % of mass 176	5.0 (6.3)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-130294/2	UXJ8247.D	05/12/2014	22:45
	CCV 240-130294/3	UXJ8248.D	05/12/2014	23:09
	LCS 240-130294/4	UXJ8249.D	05/12/2014	23:32
	MB 240-130294/5	UXJ8251.D	05/13/2014	00:19
MW001AR/050614	240-36937-8	UXJ8252.D	05/13/2014	00:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: UXJ8333.D BFB Injection Date: 05/14/2014
Instrument ID: A3UX11 BFB Injection Time: 21:06
Analysis Batch No.: 130687

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.9
75	30.0 - 60.0 % of mass 95	53.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.2 (0.3)1
174	50.0 - 120.00 % of mass 95	80.1
175	5.0 - 9.0 % of mass 174	6.1 (7.7)1
176	95.0 - 101.0 % of mass 174	77.9 (97.3)1
177	5.0 - 9.0 % of mass 176	5.1 (6.6)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-130687/2	UXJ8335.D	05/14/2014	21:51
	CCV 240-130687/3	UXJ8336.D	05/14/2014	22:15
	LCS 240-130687/4	UXJ8337.D	05/14/2014	22:38
	MB 240-130687/5	UXJ8339.D	05/14/2014	23:25
MW044/050614	240-36937-3	UXJ8340.D	05/14/2014	23:48
MW041/050614	240-36937-6	UXJ8341.D	05/15/2014	00:12
MW001R/050614	240-36937-7	UXJ8342.D	05/15/2014	00:35
MW021A/050614	240-36937-9	UXJ8343.D	05/15/2014	00:58
MW030/050614	240-36937-10	UXJ8344.D	05/15/2014	01:22
MW025/050614	240-36937-11	UXJ8345.D	05/15/2014	01:45
TB01/050614	240-36937-12	UXJ8346.D	05/15/2014	02:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: BFB023.D BFB Injection Date: 03/10/2014
Instrument ID: A3UX17 BFB Injection Time: 12:55
Analysis Batch No.: 121946

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.3
75	30.0 - 60.0 % of mass 95	46.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.4 (0.5)1
174	50.0 - 120.00 % of mass 95	81.9
175	5.0 - 9.0 % of mass 174	5.7 (6.9)1
176	95.0 - 101.0 % of mass 174	80.0 (97.7)1
177	5.0 - 9.0 % of mass 176	4.9 (6.1)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-121946/2	UXR1538.D	03/10/2014	13:22
	STD8260 240-121946/3	UXR1539.D	03/10/2014	13:44
	STD8260 240-121946/4	UXR1540.D	03/10/2014	14:07
	STD8260 240-121946/5	UXR1541.D	03/10/2014	14:30
	STD8260 240-121946/6	UXR1542.D	03/10/2014	14:52
	STD8260 240-121946/7	UXR1543.D	03/10/2014	15:15
	STDA9 240-121946/8	UXR1544.D	03/10/2014	15:38
	STDA9 240-121946/9	UXR1545.D	03/10/2014	16:00
	STDA9 240-121946/10	UXR1546.D	03/10/2014	16:23
	STDA9 240-121946/11	UXR1547.D	03/10/2014	16:46
	STDA9 240-121946/12	UXR1548.D	03/10/2014	17:08
	STDA9 240-121946/13	UXR1550.D	03/10/2014	21:35
	ICV 240-121946/14	UXR1551.D	03/10/2014	21:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab File ID: BFB136.D BFB Injection Date: 05/15/2014
Instrument ID: A3UX17 BFB Injection Time: 11:01
Analysis Batch No.: 130826

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.2
75	30.0 - 60.0 % of mass 95	47.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.4 (0.5)1
174	50.0 - 120.00 % of mass 95	84.2
175	5.0 - 9.0 % of mass 174	5.8 (6.9)1
176	95.0 - 101.0 % of mass 174	82.6 (98.1)1
177	5.0 - 9.0 % of mass 176	5.3 (6.4)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-130826/2	UXR3386.D	05/15/2014	11:29
	CCV 240-130826/3	UXR3387.D	05/15/2014	11:52
	LCS 240-130826/4	UXR3388.D	05/15/2014	12:15
	MB 240-130826/6	UXR3390.D	05/15/2014	13:00
MW015BR/050614	240-36937-1	UXR3405.D	05/15/2014	18:59
MW015R/050614	240-36937-2	UXR3406.D	05/15/2014	19:21
MW031A/050614	240-36937-4	UXR3407.D	05/15/2014	19:43
MW031D/050614	240-36937-5	UXR3408.D	05/15/2014	20:05

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Sample No.: STD8260 240-130073/4 Date Analyzed: 05/09/2014 15:09
Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): UXJ8175.D Heated Purge: (Y/N) N
Calibration ID: 22046

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	1344134	5.38	750904	8.07	278565	10.32
UPPER LIMIT	2688268	5.88	1501808	8.57	557130	10.82
LOWER LIMIT	672067	4.88	375452	7.57	139283	9.82
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-130073/14		1325617	5.38	724289	8.07	261315
ICV 240-130073/15		1305554	5.38	728191	8.07	230859
CCVIS 240-130294/2		1301585	5.38	718311	8.07	271395
CCVIS 240-130687/2		1351742	5.38	683673	8.07	275102

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Sample No.: CCVIS 240-130294/2 Date Analyzed: 05/12/2014 22:45
Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): UXJ8247.D Heated Purge: (Y/N) N
Calibration ID: 22048

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1301585	5.38	718311	8.07	271395	10.32
UPPER LIMIT	2603170	5.88	1436622	8.57	542790	10.82
LOWER LIMIT	650793	4.88	359156	7.57	135698	9.82
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCV 240-130294/3		1297340	5.38	702984	8.07	217433
LCS 240-130294/4		1322483	5.38	714129	8.07	268606
MB 240-130294/5		1271249	5.38	681517	8.07	210883
240-36937-8	MW001AR/050614	1252704	5.38	688460	8.07	210674

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Sample No.: CCVIS 240-130687/2 Date Analyzed: 05/14/2014 21:51
Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): UXJ8335.D Heated Purge: (Y/N) N
Calibration ID: 22048

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	1351742	5.38	683673	8.07	275102	10.32	
UPPER LIMIT	2703484	5.88	1367346	8.57	550204	10.82	
LOWER LIMIT	675871	4.88	341837	7.57	137551	9.82	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-130687/3		1372736	5.38	713049	8.07	226447	10.32
LCS 240-130687/4		1397692	5.38	720012	8.07	275980	10.32
MB 240-130687/5		1350473	5.38	706516	8.07	222136	10.32
240-36937-3	MW044/050614	1322637	5.38	697280	8.07	218466	10.32
240-36937-6	MW041/050614	1185485	5.38	694054	8.07	214833	10.32
240-36937-7	MW001R/050614	1307334	5.38	683560	8.07	214316	10.32
240-36937-9	MW021A/050614	1330942	5.38	694560	8.07	210857	10.32
240-36937-10	MW030/050614	1318036	5.38	690106	8.07	213343	10.32
240-36937-11	MW025/050614	1307440	5.38	692997	8.07	205652	10.32
240-36937-12	TB01/050614	1338147	5.38	696722	8.07	216794	10.32

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Sample No.: STD8260 240-121946/4 Date Analyzed: 03/10/2014 14:07
Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): UXR1540.D Heated Purge: (Y/N) N
Calibration ID: 21038

	FB		CBZ		DCB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	1226869	5.76	937162	8.47	534531	10.72	
UPPER LIMIT	2453738	6.26	1874324	8.97	1069062	11.22	
LOWER LIMIT	613435	5.26	468581	7.97	267266	10.22	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-121946/14		1224766	5.76	925325	8.47	546318	10.72
CCVIS 240-130826/2		1052223	5.76	809809	8.48	478589	10.72

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Sample No.: CCVIS 240-130826/2 Date Analyzed: 05/15/2014 11:29
Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm)
Lab File ID (Standard): UXR3386.D Heated Purge: (Y/N) N
Calibration ID: 21355

	FB		CBZ		DCB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	1052223	5.76	809809	8.48	478589	10.72
UPPER LIMIT	2104446	6.26	1619618	8.98	957178	11.22
LOWER LIMIT	526112	5.26	404905	7.98	239295	10.22
LAB SAMPLE ID	CLIENT SAMPLE ID					
CCV 240-130826/3		995002	5.76	757121	8.48	407235
LCS 240-130826/4		1007704	5.76	780851	8.48	455606
MB 240-130826/6		900805	5.76	755050	8.48	397178
240-36937-1	MW015BR/050614	855929	5.76	662917	8.48	354745
240-36937-2	MW015R/050614	871429	5.76	654073	8.48	351332
240-36937-4	MW031A/050614	859013	5.76	652936	8.48	360593
240-36937-5	MW031D/050614	837010	5.76	645392	8.48	340160

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = \pm 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Client Sample ID: MW015BR/050614 Lab Sample ID: 240-36937-1

Matrix: Water Lab File ID: UXR3405.D

Analysis Method: 8260B Date Collected: 05/06/2014 10:25

Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 18:59

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	39	J B	50	5.5
75-05-8	Acetonitrile	ND		100	18
107-02-8	Acrolein	ND		100	11
107-13-1	Acrylonitrile	ND		100	10
71-43-2	Benzene	ND		5.0	0.65
75-27-4	Bromodichloromethane	ND		5.0	0.75
75-25-2	Bromoform	ND		5.0	3.2
74-83-9	Bromomethane	ND		5.0	2.1
78-93-3	2-Butanone	3.4	J	50	2.9
75-15-0	Carbon disulfide	ND		5.0	0.65
56-23-5	Carbon tetrachloride	ND		5.0	0.65
108-90-7	Chlorobenzene	ND		5.0	0.75
75-00-3	Chloroethane	ND		5.0	1.5
67-66-3	Chloroform	ND		5.0	0.80
74-87-3	Chloromethane	ND		5.0	1.5
126-99-8	Chloroprene	ND		10	1.5
107-05-1	3-Chloro-1-propene	ND		10	1.8
156-59-2	cis-1,2-Dichloroethene	ND		5.0	0.85
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	0.70
124-48-1	Dibromochloromethane	ND		5.0	0.90
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.4
74-95-3	Dibromomethane	ND		5.0	1.4
75-71-8	Dichlorodifluoromethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	0.75
107-06-2	1,2-Dichloroethane	110		5.0	1.1
75-35-4	1,1-Dichloroethene	ND		5.0	0.95
540-59-0	1,2-Dichloroethene, Total	ND		10	0.85
78-87-5	1,2-Dichloropropene	ND		5.0	0.90
123-91-1	1,4-Dioxane	630		250	95
100-41-4	Ethylbenzene	ND		5.0	0.85
106-93-4	Ethylene Dibromide	ND		5.0	1.2
97-63-2	Ethyl methacrylate	ND		5.0	0.70
591-78-6	2-Hexanone	ND		50	2.1
74-88-4	Iodomethane	ND		5.0	0.90
78-83-1	Isobutanol	ND		250	41
126-98-7	Methacrylonitrile	ND		10	2.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW015BR/050614 Lab Sample ID: 240-36937-1
Matrix: Water Lab File ID: UXR3405.D
Analysis Method: 8260B Date Collected: 05/06/2014 10:25
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 18:59
Soil Aliquot Vol.: Dilution Factor: 5
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	5.7	B	5.0	1.7
80-62-6	Methyl methacrylate	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	1.6
107-12-0	Propionitrile	ND		20	6.0
100-42-5	Styrene	ND		5.0	0.55
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	0.90
127-18-4	Tetrachloroethene	ND		5.0	1.5
108-88-3	Toluene	ND		5.0	0.65
110-57-6	trans-1,4-Dichloro-2-butene	ND		5.0	0.75
156-60-5	trans-1,2-Dichloroethene	ND		5.0	0.95
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	0.95
71-55-6	1,1,1-Trichloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.4
79-01-6	Trichloroethene	4.2	J	5.0	0.85
75-69-4	Trichlorofluoromethane	ND		5.0	1.1
96-18-4	1,2,3-Trichloropropane	ND		5.0	2.2
108-05-4	Vinyl acetate	ND	*	10	0.95
75-01-4	Vinyl chloride	2.1	J	5.0	1.1
1330-20-7	Xylenes, Total	ND		10	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	83		66-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-129
2037-26-5	Toluene-d8 (Surr)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 18:59:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 240-0031043-021
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 16-May-2014 08:44:51 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: williamsla Date: 16-May-2014 08:42:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	855929	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	83	662917	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	354745	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	58	169261	8.71	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.491	5.491	0.000	0	217370	8.81	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	725849	7.99	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	90	241763	7.42	
9 Dichlorodifluoromethane	85		1.648					
10 Chloromethane	50		1.838					
11 Vinyl chloride	62	1.957	1.957	0.000	25	13850	0.4253	
12 Bromomethane	94		2.324					
13 Chloroethane	64		2.431					
15 Trichlorofluoromethane	101		2.668					
18 Acrolein	56		3.095					
19 1,1-Dichloroethene	96		3.178					
21 Acetone	43	3.237	3.237	0.000	97	47408	7.74	
22 Iodomethane	142		3.332					
23 Carbon disulfide	76		3.392					
24 Acetonitrile	41		3.510					
25 3-Chloro-1-propene	76		3.522					
27 Methylene Chloride	84	3.641	3.641	0.000	89	30236	1.13	
29 Acrylonitrile	53		3.878					
31 trans-1,2-Dichloroethene	96		3.890					
33 1,1-Dichloroethane	63		4.269					
34 Vinyl acetate	43		4.305					
36 2-Chloro-1,3-butadiene	53		4.340					
39 cis-1,2-Dichloroethene	96		4.779					
40 2-Butanone (MEK)	43	4.791	4.791	0.000	62	5624	0.6715	
42 Propionitrile	54		4.850					
43 Methacrylonitrile	41		4.981					
46 Chloroform	83		5.052					
47 1,1,1-Trichloroethane	97		5.218					

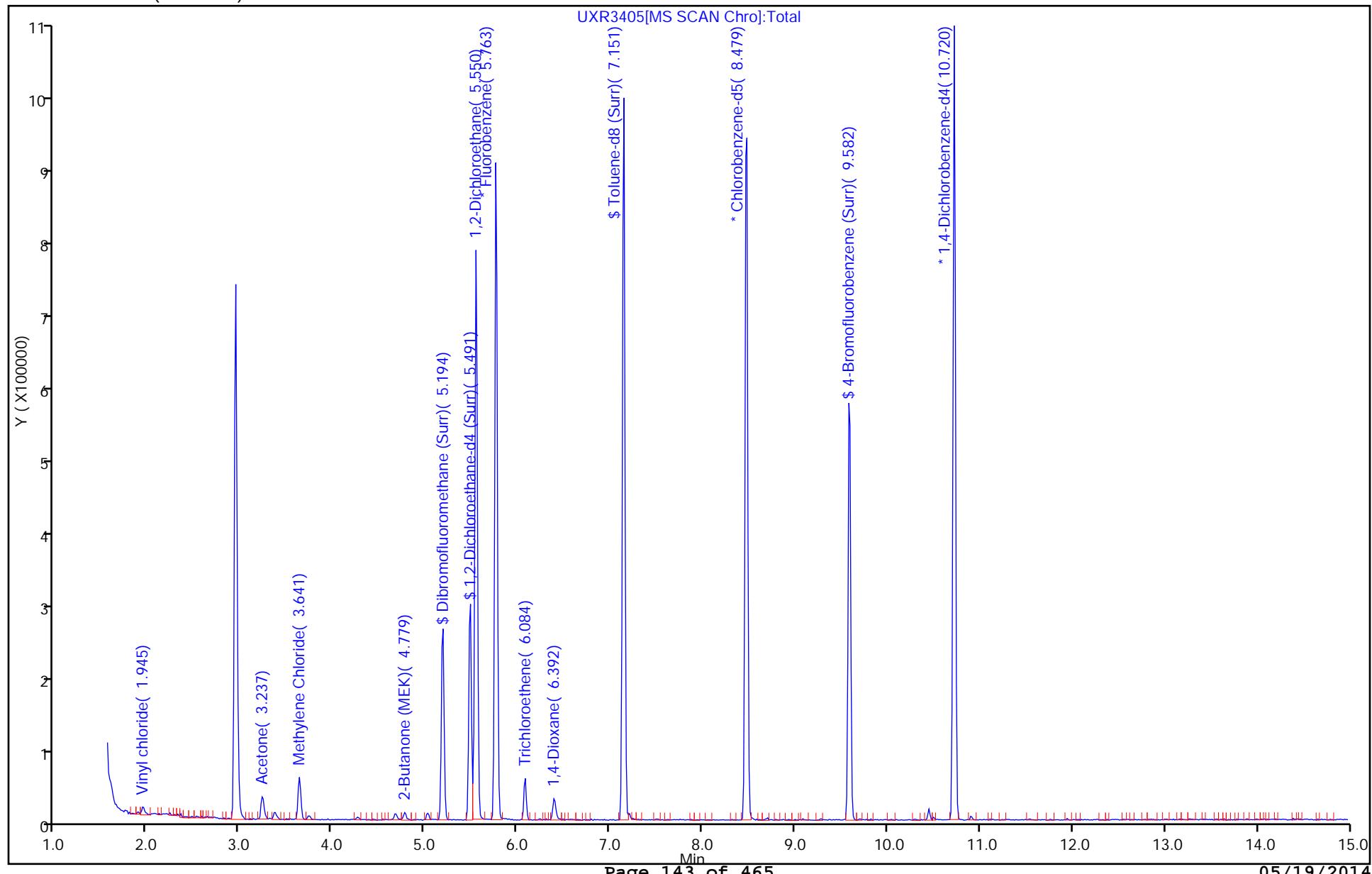
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.360					
51 Isobutyl alcohol	41		5.431					
52 Benzene	78		5.538					
53 1,2-Dichloroethane	62	5.550	5.550	0.000	86	636878	21.5	
57 Trichloroethene	130	6.084	6.083	0.001	77	20946	0.8319	
60 1,2-Dichloropropane	63		6.285					
61 Methyl methacrylate	41		6.356					
63 1,4-Dioxane	88	6.392	6.392	0.000	93	26045	126.2	
62 Dibromomethane	93		6.392					
64 Dichlorobromomethane	83		6.522					
67 cis-1,3-Dichloropropene	75		6.902					
68 4-Methyl-2-pentanone (MIBK)	43		7.032					
69 Toluene	91		7.210					
70 trans-1,3-Dichloropropene	75		7.400					
71 Ethyl methacrylate	69		7.459					
72 1,1,2-Trichloroethane	97		7.566					
73 Tetrachloroethene	164		7.708					
76 2-Hexanone	43		7.779					
78 Chlorodibromomethane	129		7.945					
79 Ethylene Dibromide	107		8.052					
81 Chlorobenzene	112		8.503					
82 1,1,1,2-Tetrachloroethane	131		8.574					
83 Ethylbenzene	106		8.586					
84 m-Xylene & p-Xylene	106		8.692					
85 o-Xylene	106		9.084					
86 Styrene	104		9.096					
87 Bromoform	173		9.285					
91 1,1,2,2-Tetrachloroethane	83		9.712					
93 trans-1,4-Dichloro-2-butene	53		9.771					
94 1,2,3-Trichloropropane	110		9.771					
111 1,2-Dibromo-3-Chloropropan	157		11.906					
S 128 1,2-Dichloroethene, Total	96		1.140					
S 130 Xylenes, Total	106		16.530					

Report Date: 16-May-2014 08:50:09

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

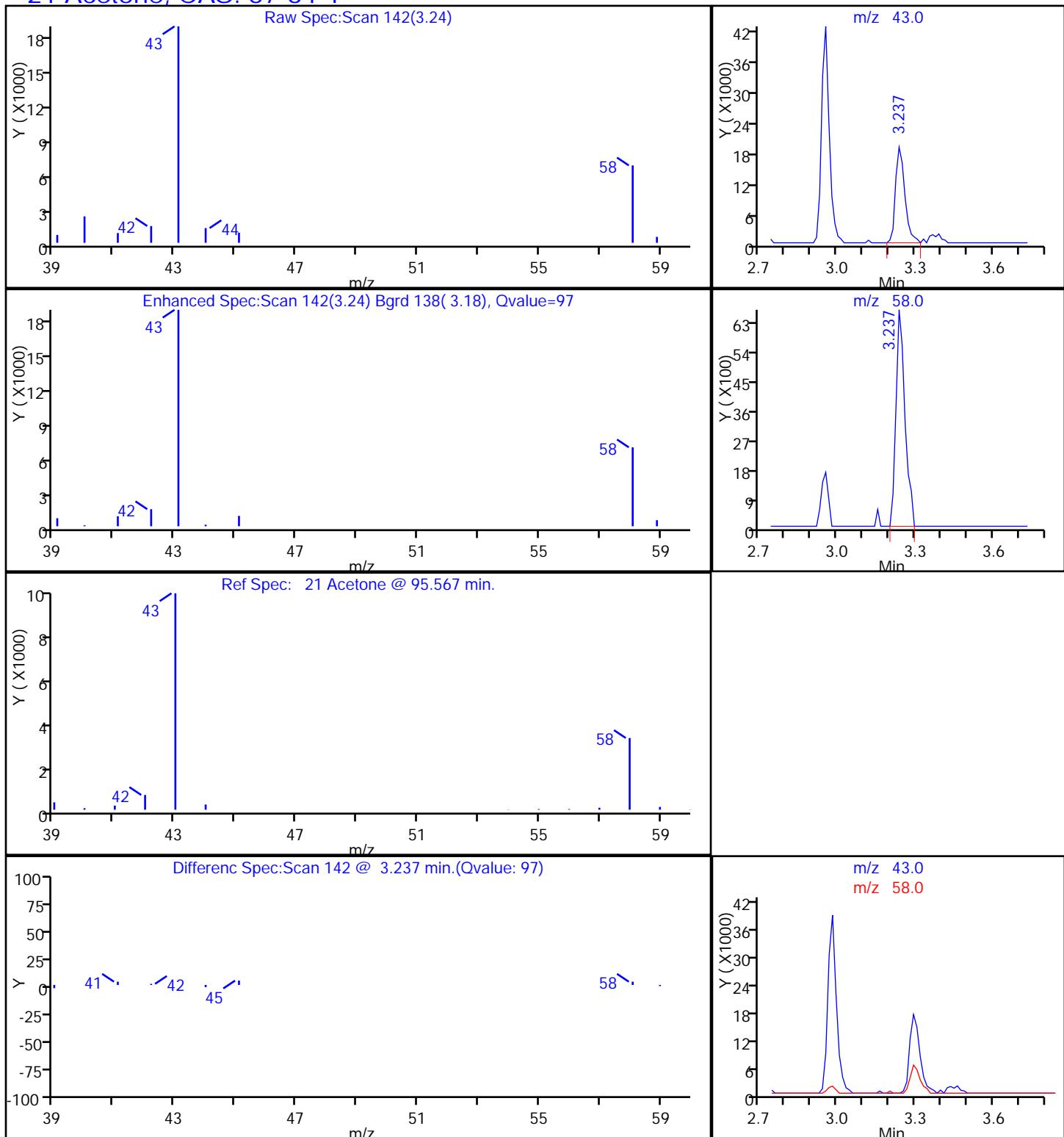
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Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17 Operator ID: 1644
Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1 Worklist Smp#: 21
Client ID: MW015BR/050614
Purge Vol: 5.000 mL Dil. Factor: 5.0000 ALS Bottle#: 20
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

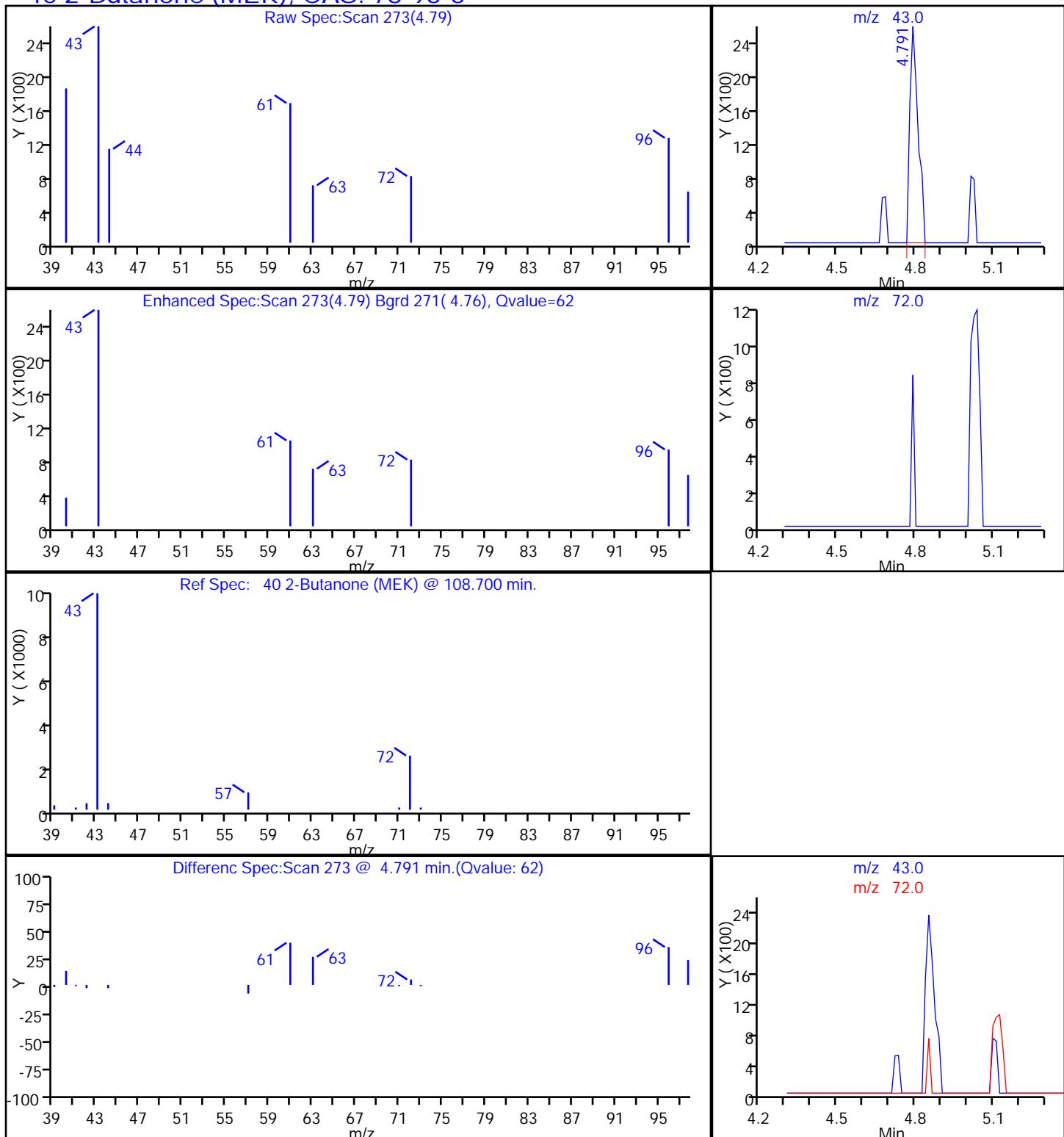
21 Acetone, CAS: 67-64-1



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

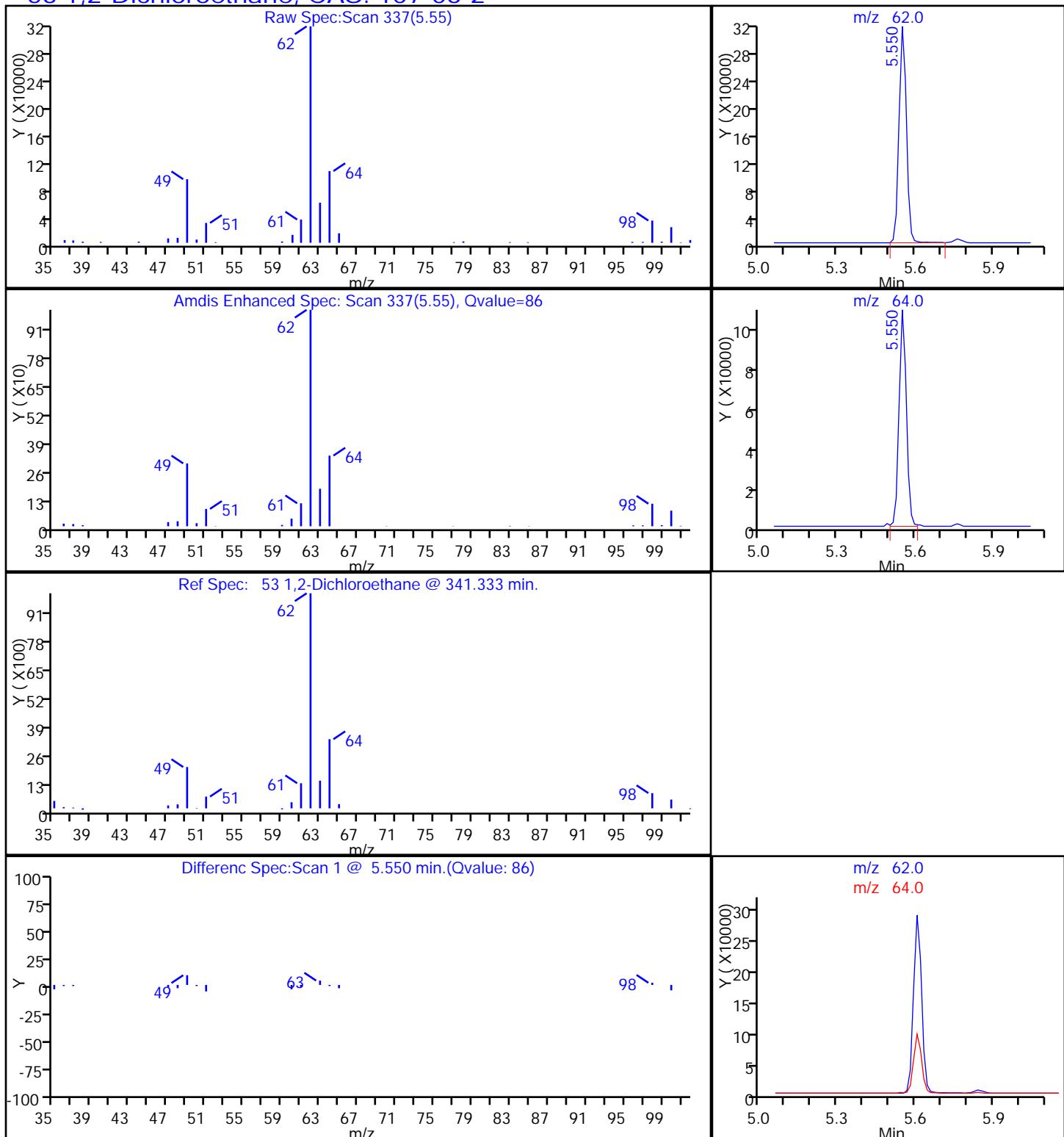
40 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

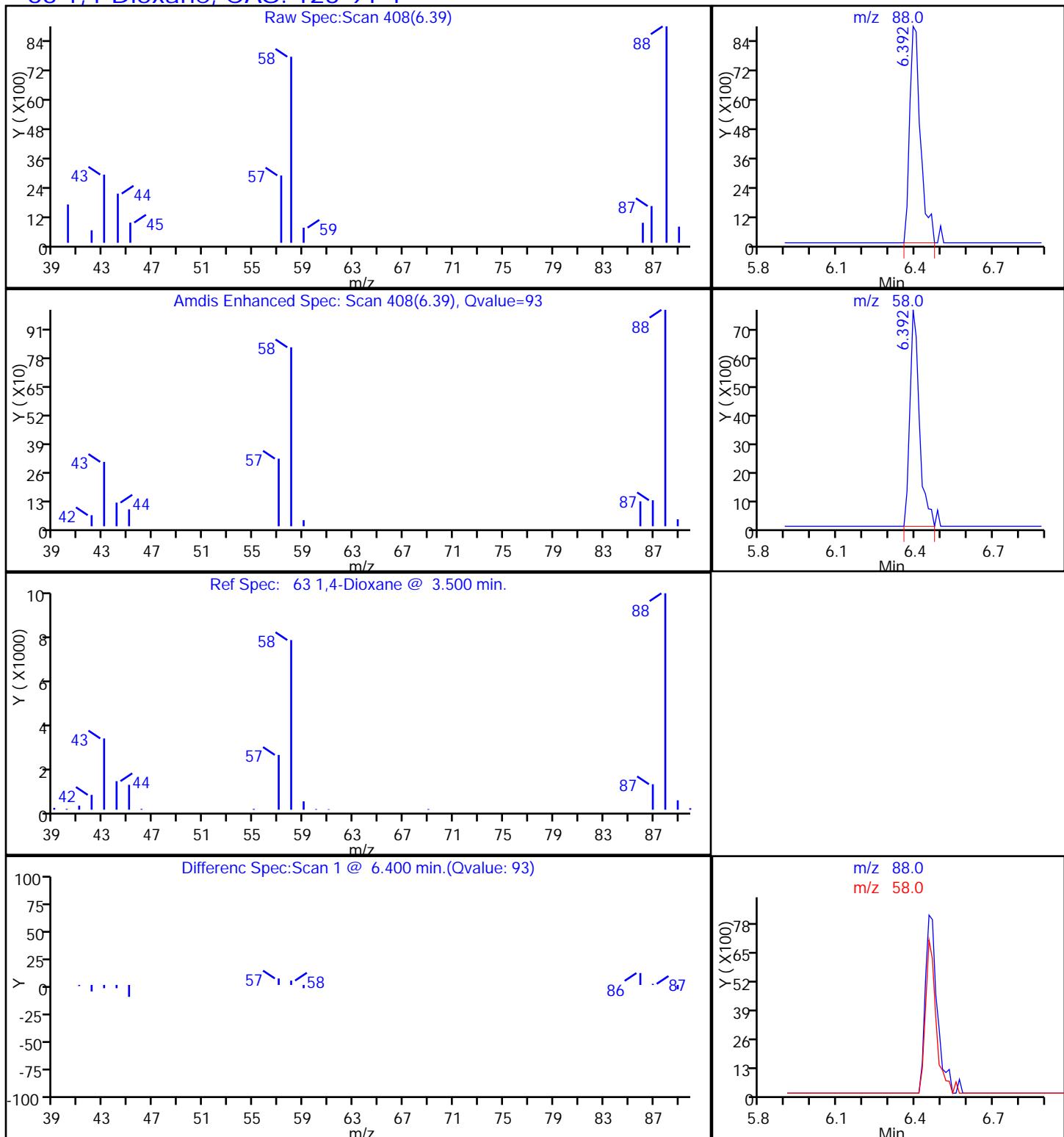
53 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

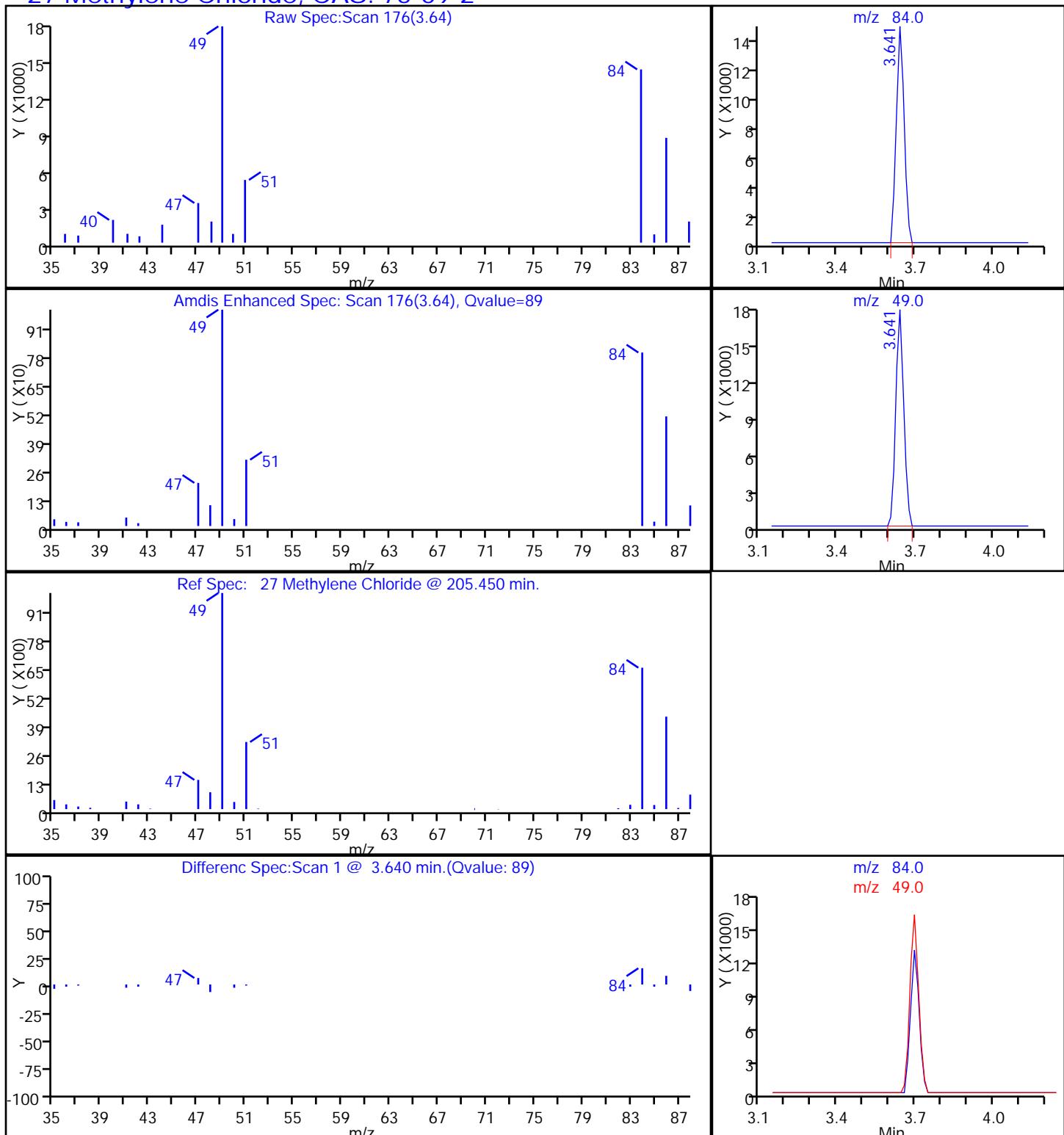
63 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton

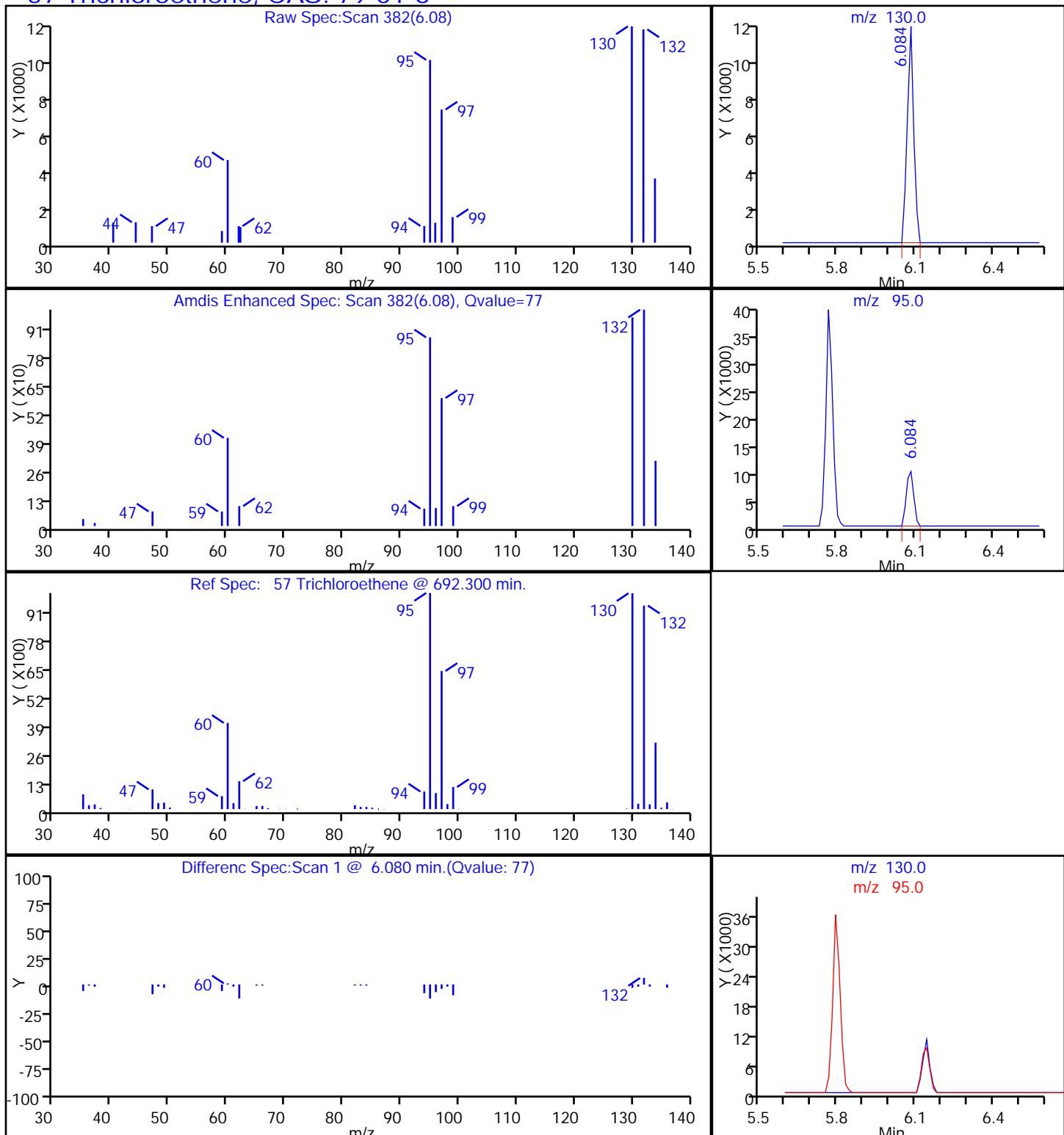
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 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2



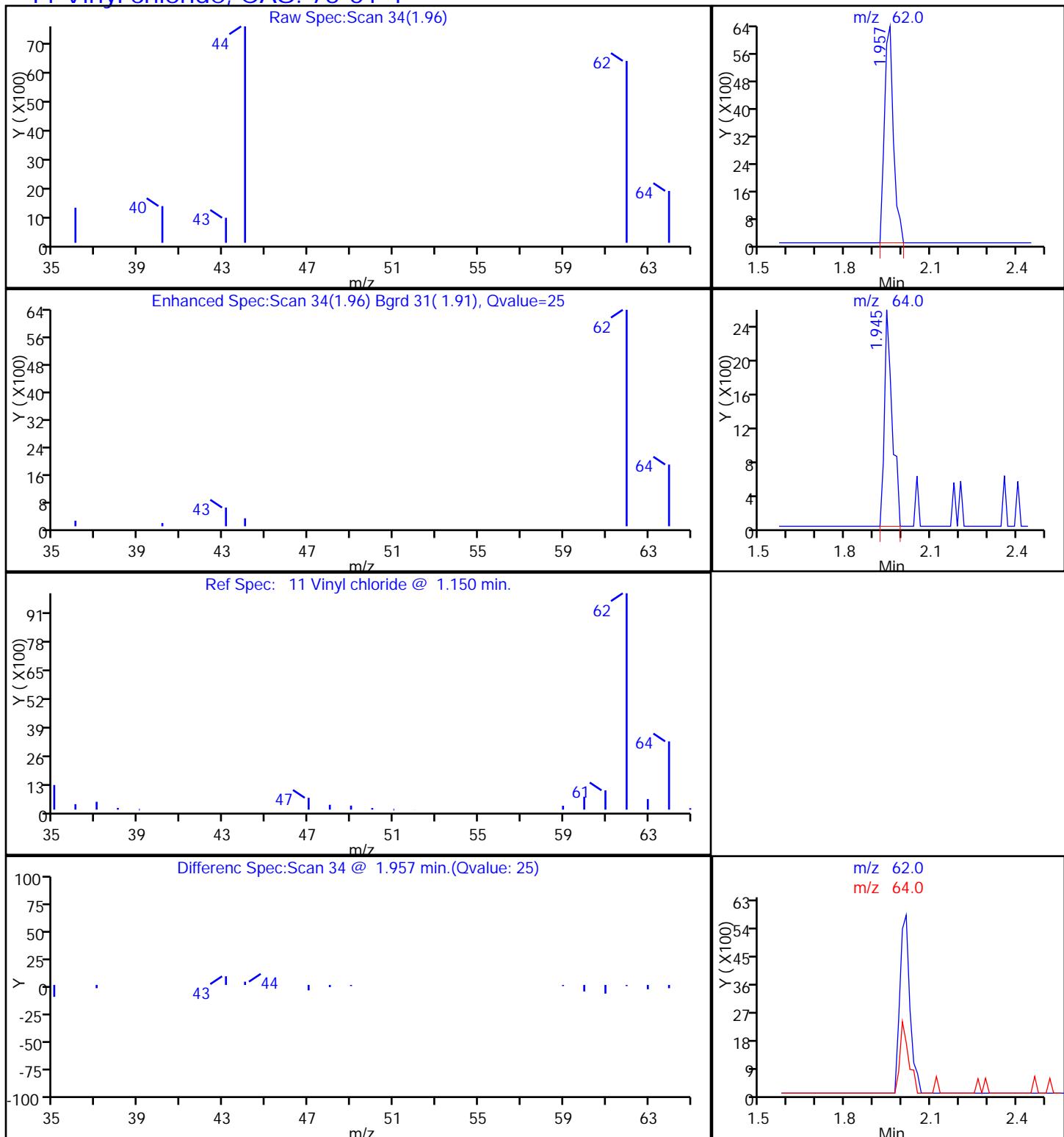
TestAmerica Canton

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 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

57 Trichloroethene, CAS: 79-01-6

TestAmerica Canton
 Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3405.D
 Injection Date: 15-May-2014 18:59:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-1 Lab Sample ID: 240-36937-1
 Client ID: MW015BR/050614
 Operator ID: 1644 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: MW015R/050614 Lab Sample ID: 240-36937-2
Matrix: Water Lab File ID: UXR3406.D
Analysis Method: 8260B Date Collected: 05/06/2014 11:15
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 19:21
Soil Aliquot Vol: _____ Dilution Factor: 25
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		250	28
75-05-8	Acetonitrile	ND		500	88
107-02-8	Acrolein	ND		500	55
107-13-1	Acrylonitrile	ND		500	50
71-43-2	Benzene	12	J	25	3.3
75-27-4	Bromodichloromethane	ND		25	3.8
75-25-2	Bromoform	ND		25	16
74-83-9	Bromomethane	ND		25	10
78-93-3	2-Butanone	ND		250	14
75-15-0	Carbon disulfide	ND		25	3.3
56-23-5	Carbon tetrachloride	8.8	J	25	3.3
108-90-7	Chlorobenzene	ND		25	3.8
75-00-3	Chloroethane	ND		25	7.3
67-66-3	Chloroform	120		25	4.0
74-87-3	Chloromethane	ND		25	7.5
126-99-8	Chloroprene	ND		50	7.3
107-05-1	3-Chloro-1-propene	ND		50	8.8
156-59-2	cis-1,2-Dichloroethene	120		25	4.3
10061-01-5	cis-1,3-Dichloropropene	ND		25	3.5
124-48-1	Dibromochloromethane	ND		25	4.5
96-12-8	1,2-Dibromo-3-Chloropropane	ND		50	17
74-95-3	Dibromomethane	ND		25	7.0
75-71-8	Dichlorodifluoromethane	ND		25	7.8
75-34-3	1,1-Dichloroethane	22	J	25	3.8
107-06-2	1,2-Dichloroethane	610		25	5.5
75-35-4	1,1-Dichloroethene	ND		25	4.8
540-59-0	1,2-Dichloroethene, Total	130		50	4.3
78-87-5	1,2-Dichloropropene	ND		25	4.5
123-91-1	1,4-Dioxane	1100	J	1300	480
100-41-4	Ethylbenzene	ND		25	4.3
106-93-4	Ethylene Dibromide	ND		25	6.0
97-63-2	Ethyl methacrylate	ND		25	3.5
591-78-6	2-Hexanone	ND		250	10
74-88-4	Iodomethane	ND		25	4.5
78-83-1	Isobutanol	ND		1300	210
126-98-7	Methacrylonitrile	ND		50	13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW015R/050614 Lab Sample ID: 240-36937-2
Matrix: Water Lab File ID: UXR3406.D
Analysis Method: 8260B Date Collected: 05/06/2014 11:15
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 19:21
Soil Aliquot Vol.: Dilution Factor: 25
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	8.4	J B	25	8.3
80-62-6	Methyl methacrylate	ND		50	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	8.0
107-12-0	Propionitrile	ND		100	30
100-42-5	Styrene	ND		25	2.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	5.8
79-34-5	1,1,2,2-Tetrachloroethane	23	J	25	4.5
127-18-4	Tetrachloroethene	64		25	7.3
108-88-3	Toluene	ND		25	3.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		25	3.8
156-60-5	trans-1,2-Dichloroethene	9.9	J	25	4.8
10061-02-6	trans-1,3-Dichloropropene	ND		25	4.8
71-55-6	1,1,1-Trichloroethane	9.9	J	25	5.5
79-00-5	1,1,2-Trichloroethane	ND		25	6.8
79-01-6	Trichloroethene	650		25	4.3
75-69-4	Trichlorofluoromethane	ND		25	5.3
96-18-4	1,2,3-Trichloropropane	ND		25	11
108-05-4	Vinyl acetate	ND	*	50	4.8
75-01-4	Vinyl chloride	8.3	J	25	5.5
1330-20-7	Xylenes, Total	ND		50	3.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	94		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-129
2037-26-5	Toluene-d8 (Surr)	92		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 19:21:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Sample Info: 240-0031043-022
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 16-May-2014 08:44:51 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK051

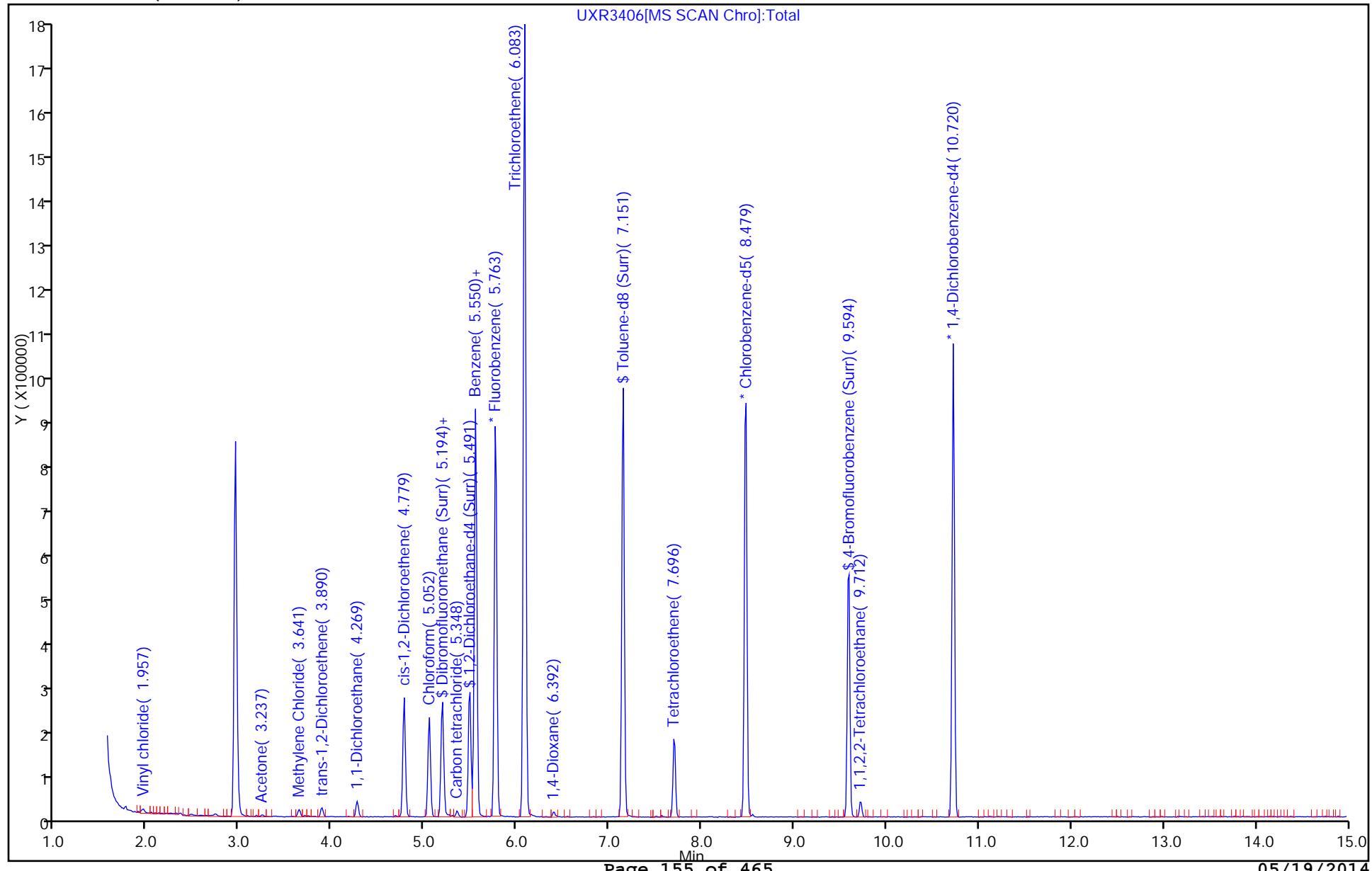
First Level Reviewer: williamsla Date: 16-May-2014 08:43:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	871429	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	82	654073	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	351332	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	57	165956	8.38	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.491	5.491	0.000	0	218406	8.70	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	733676	8.19	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	91	239303	7.45	
9 Dichlorodifluoromethane	85		1.648					
10 Chloromethane	50		1.838					
11 Vinyl chloride	62	1.957	1.957	0.000	38	10986	0.3313	
12 Bromomethane	94		2.324					
13 Chloroethane	64		2.431					
15 Trichlorofluoromethane	101		2.668					
18 Acrolein	56		3.095					
19 1,1-Dichloroethene	96		3.178					
21 Acetone	43	3.237	3.237	0.000	72	6688	0.2212	
22 Iodomethane	142		3.332					
23 Carbon disulfide	76		3.392					
24 Acetonitrile	41		3.510					
25 3-Chloro-1-propene	76		3.522					
27 Methylene Chloride	84	3.641	3.641	0.000	70	9134	0.3365	
29 Acrylonitrile	53		3.878					
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	69	9893	0.3963	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	64	37785	0.8654	
34 Vinyl acetate	43		4.305					
36 2-Chloro-1,3-butadiene	53		4.340					
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	68	129651	4.80	
40 2-Butanone (MEK)	43		4.791					
42 Propionitrile	54		4.850					
43 Methacrylonitrile	41		4.981					
46 Chloroform	83	5.052	5.052	0.000	81	184765	4.63	
47 1,1,1-Trichloroethane	97	5.206	5.218	-0.012	61	11422	0.3944	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117	5.348	5.360	-0.012	50	8739	0.3534	
51 Isobutyl alcohol	41		5.431					
52 Benzene	78	5.538	5.538	0.000	59	53985	0.4972	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	86	738144	24.5	
57 Trichloroethene	130	6.083	6.083	0.000	95	665532	26.0	
60 1,2-Dichloropropane	63		6.285					
61 Methyl methacrylate	41		6.356					
63 1,4-Dioxane	88	6.392	6.392	0.000	59	9516	45.3	
62 Dibromomethane	93		6.392					
64 Dichlorobromomethane	83		6.522					
67 cis-1,3-Dichloropropene	75		6.902					
68 4-Methyl-2-pentanone (MIBK)	43		7.032					
69 Toluene	91		7.210					
70 trans-1,3-Dichloropropene	75		7.400					
71 Ethyl methacrylate	69		7.459					
72 1,1,2-Trichloroethane	97		7.566					
73 Tetrachloroethene	164	7.696	7.708	-0.012	90	52070	2.56	
76 2-Hexanone	43		7.779					
78 Chlorodibromomethane	129		7.945					
79 Ethylene Dibromide	107		8.052					
81 Chlorobenzene	112		8.503					
82 1,1,1,2-Tetrachloroethane	131		8.574					
83 Ethylbenzene	106		8.586					
84 m-Xylene & p-Xylene	106		8.692					
85 o-Xylene	106		9.084					
86 Styrene	104		9.096					
87 Bromoform	173		9.285					
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	53	20986	0.9244	
93 trans-1,4-Dichloro-2-butene	53		9.771					
94 1,2,3-Trichloropropane	110		9.771					
111 1,2-Dibromo-3-Chloropropane	157		11.906					
S 128 1,2-Dichloroethene, Total	96				0		5.20	
S 130 Xylenes, Total	106		16.530					

TestAmerica Canton

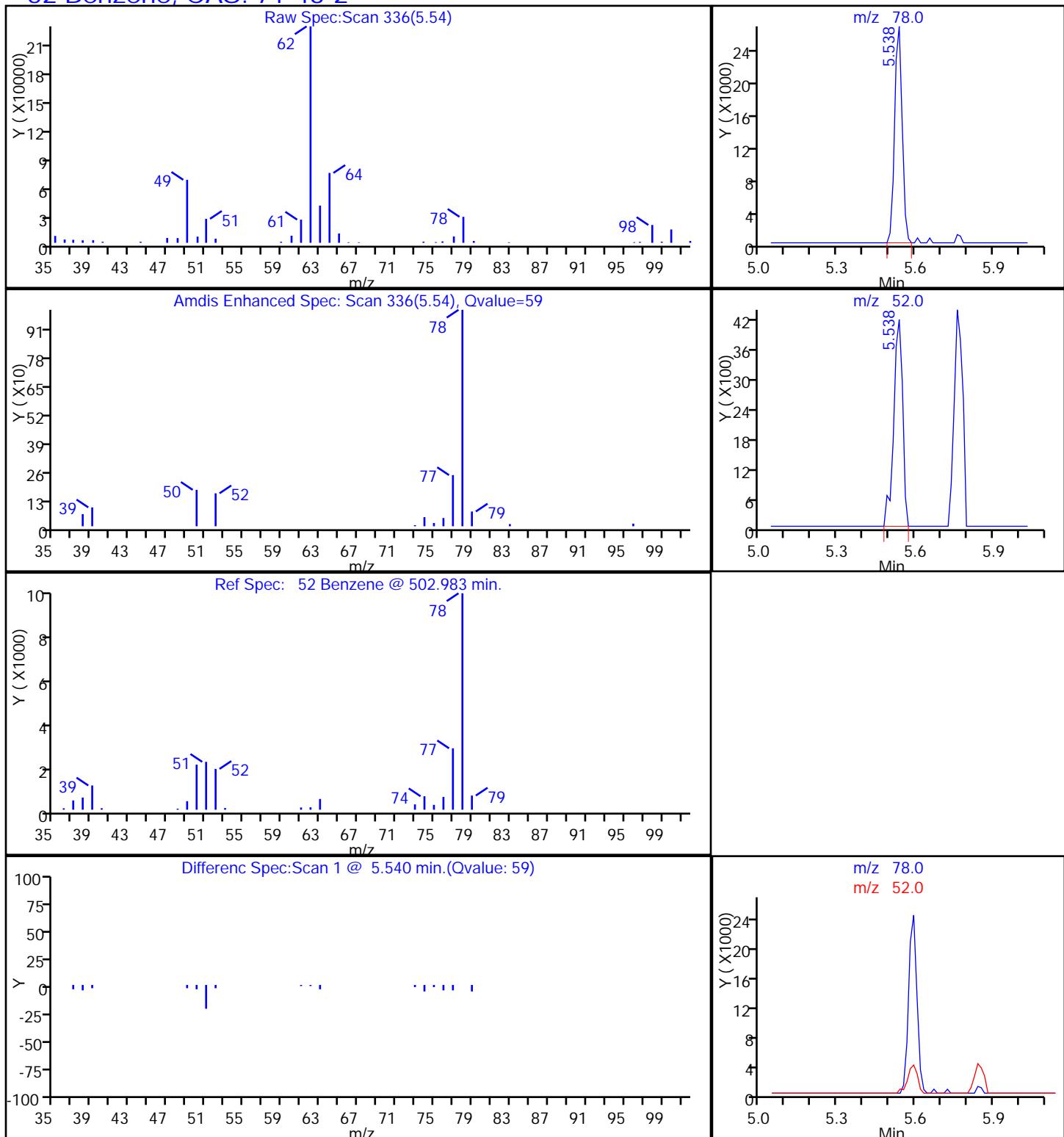
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 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2 Worklist Smp#: 22
 Client ID: MW015R/050614
 Purge Vol: 5.000 mL Dil. Factor: 25.0000 ALS Bottle#: 21
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

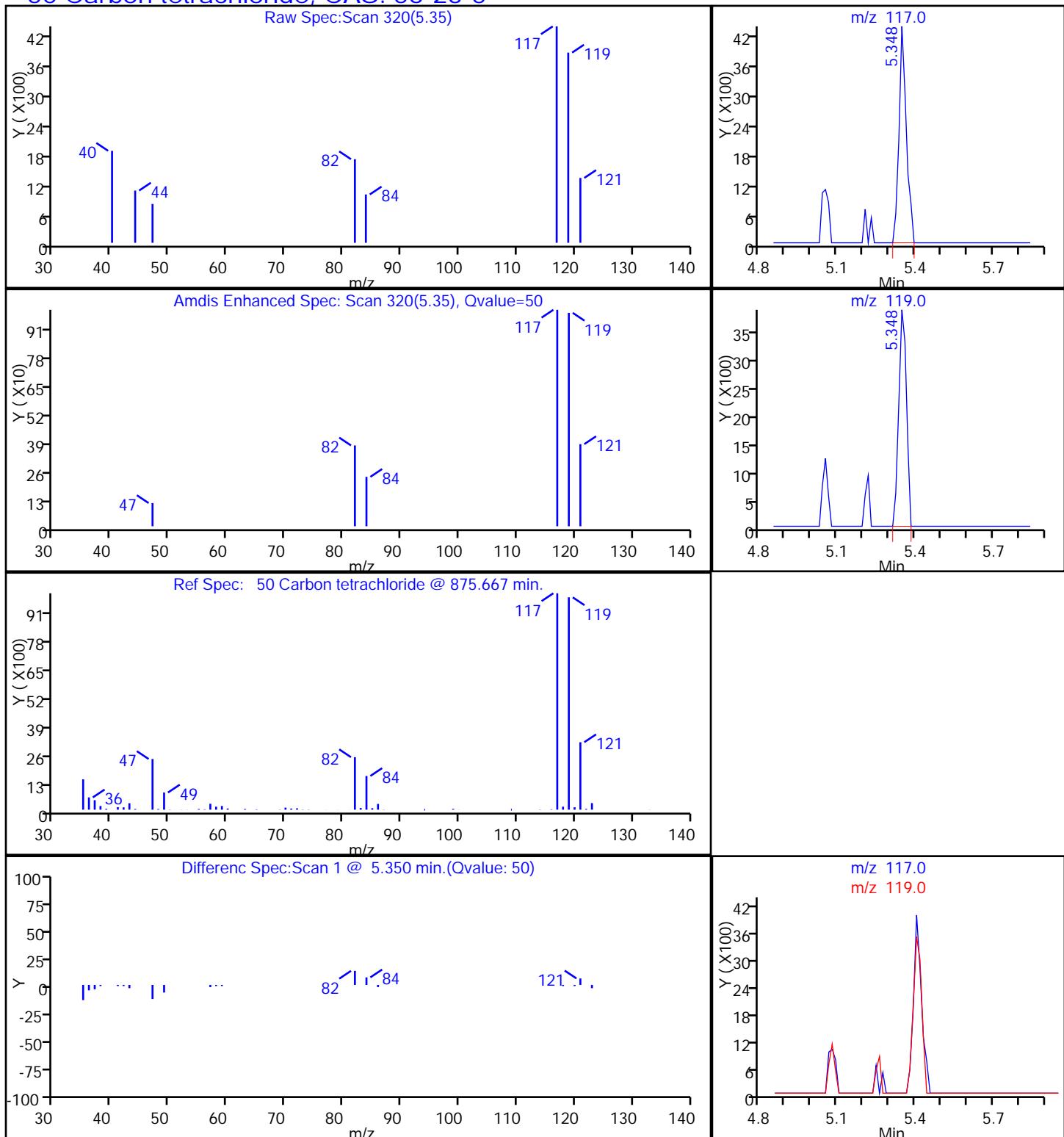
52 Benzene, CAS: 71-43-2



TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

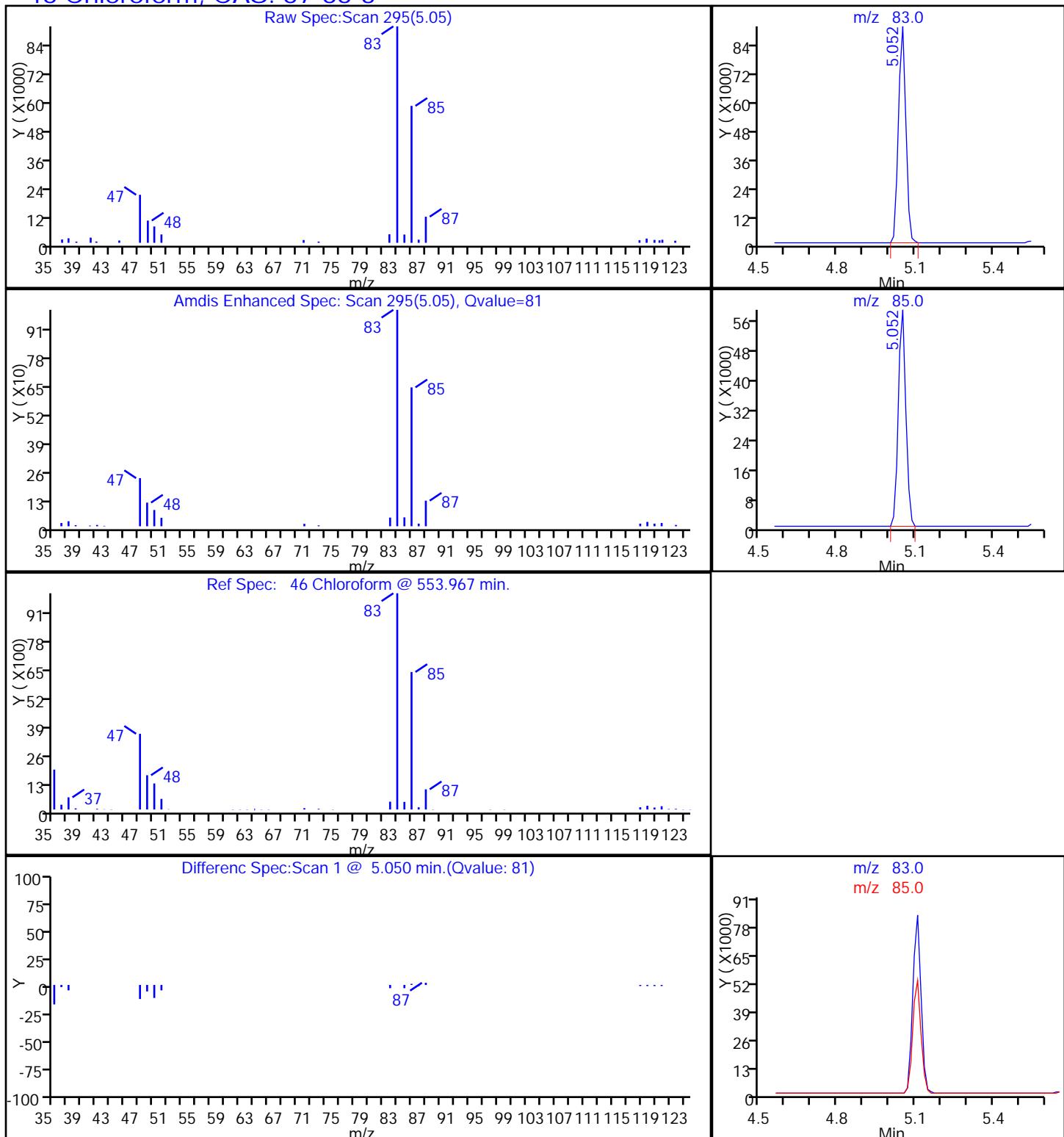
50 Carbon tetrachloride, CAS: 56-23-5



TestAmerica Canton

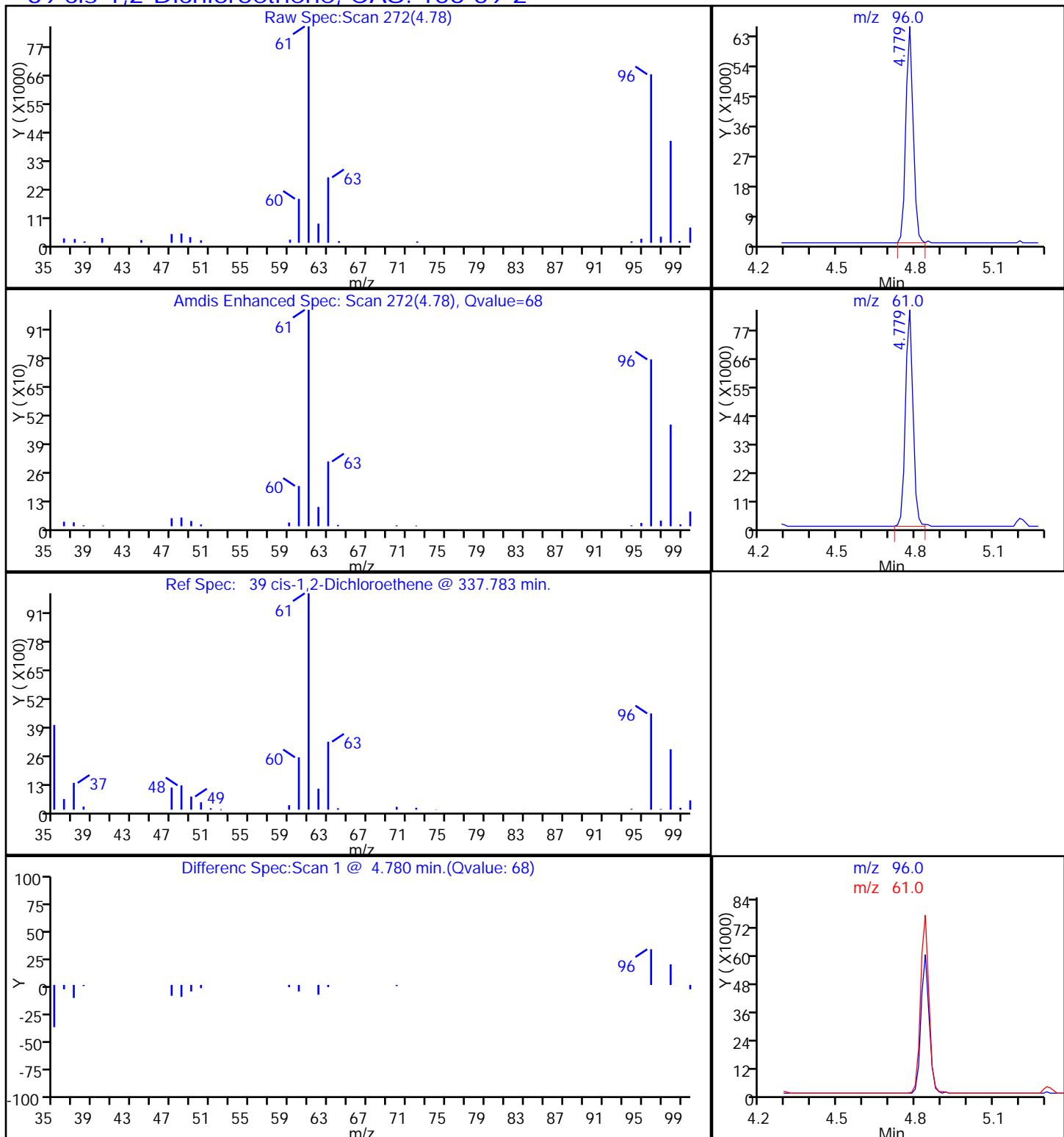
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 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

46 Chloroform, CAS: 67-66-3



TestAmerica Canton

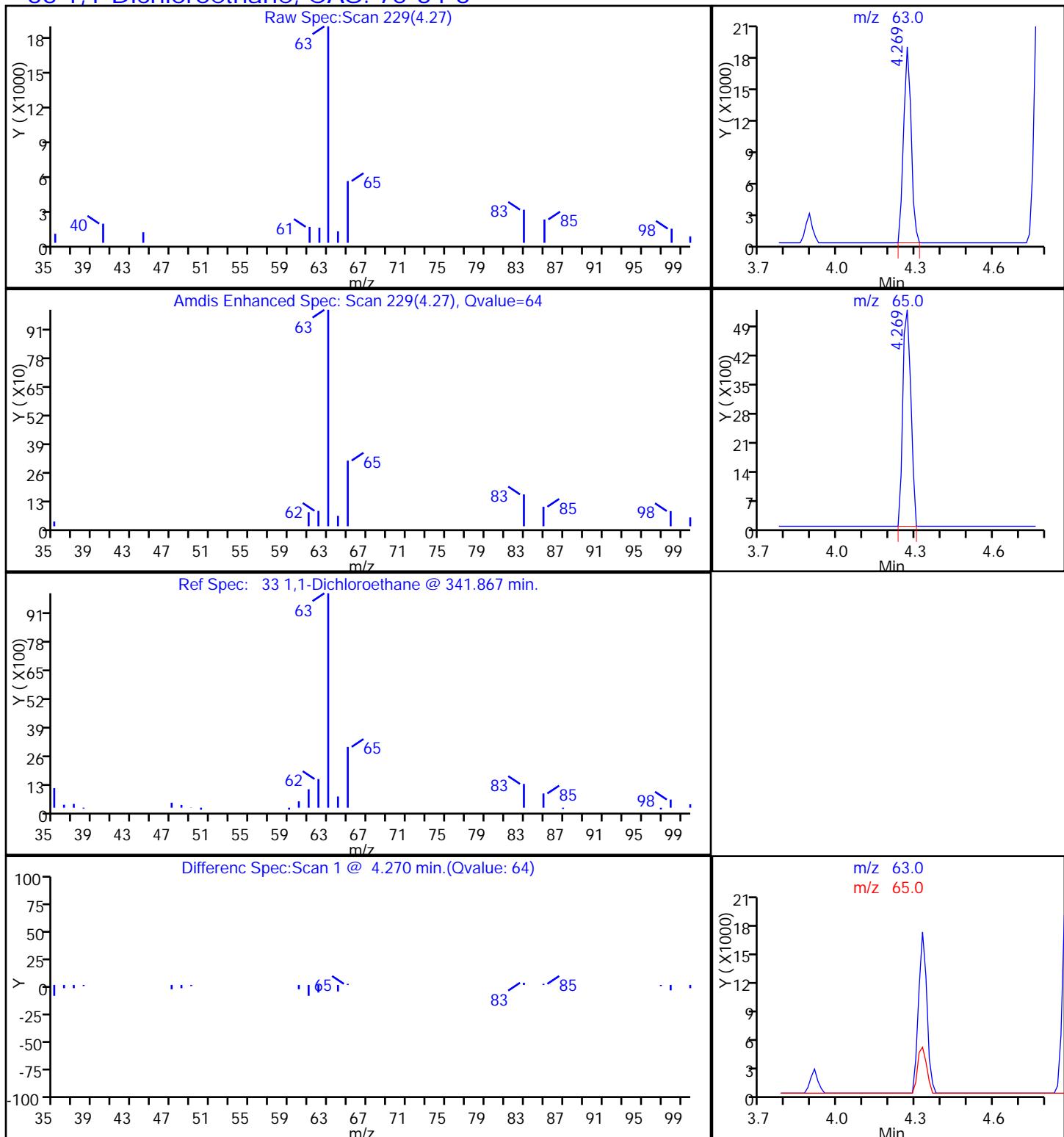
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 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

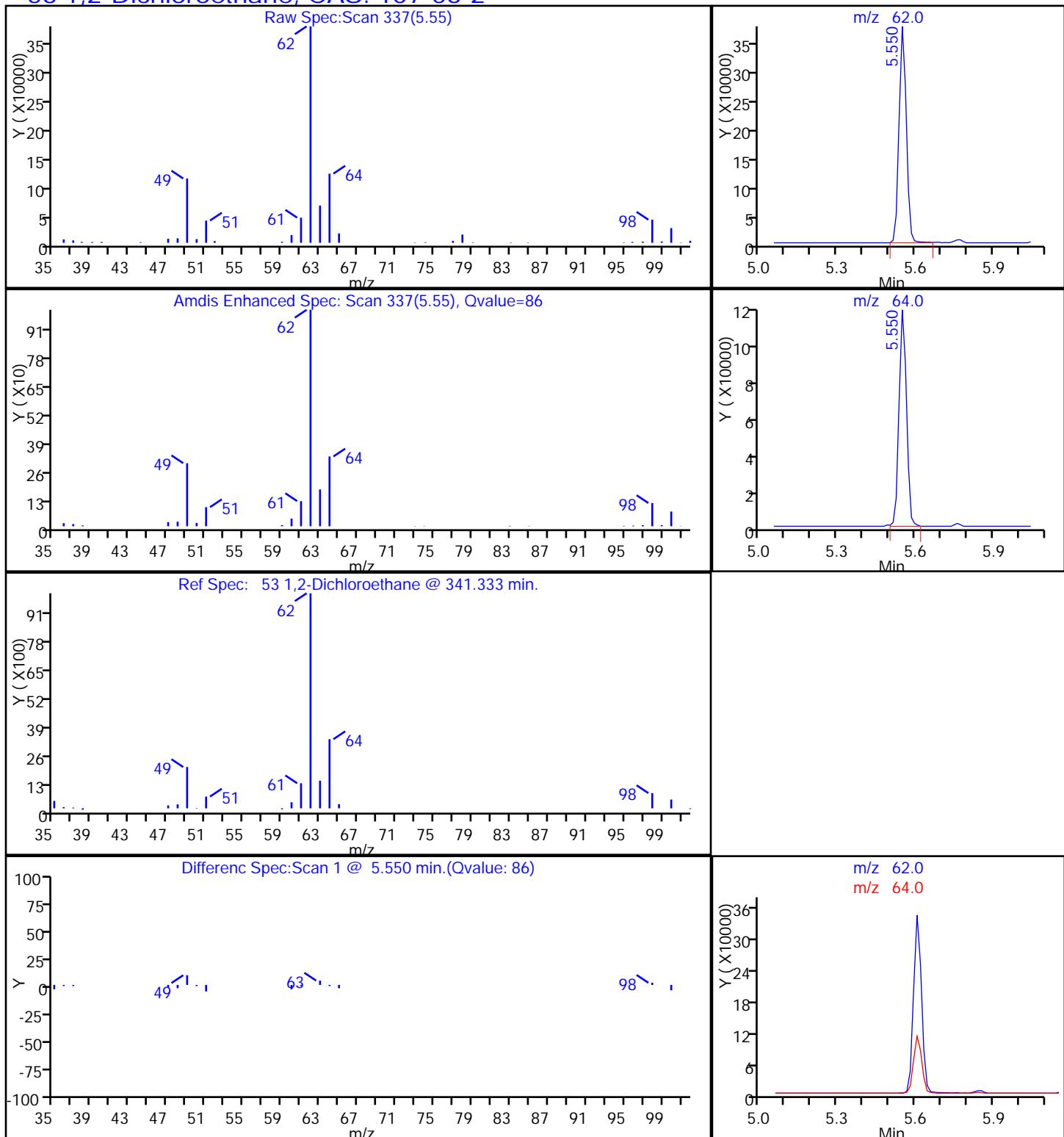
33 1,1-Dichloroethane, CAS: 75-34-3



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

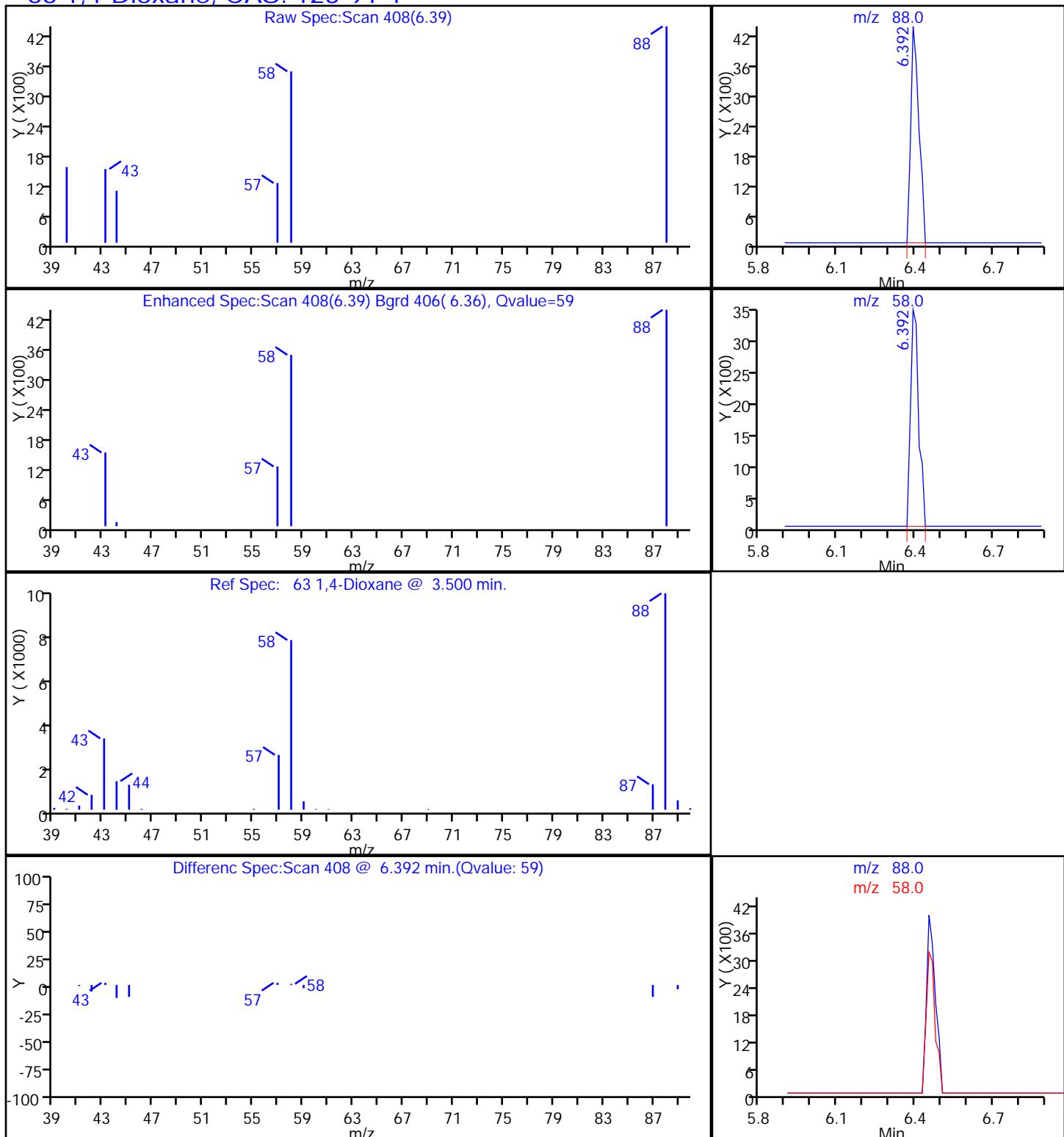
53 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Canton

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 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

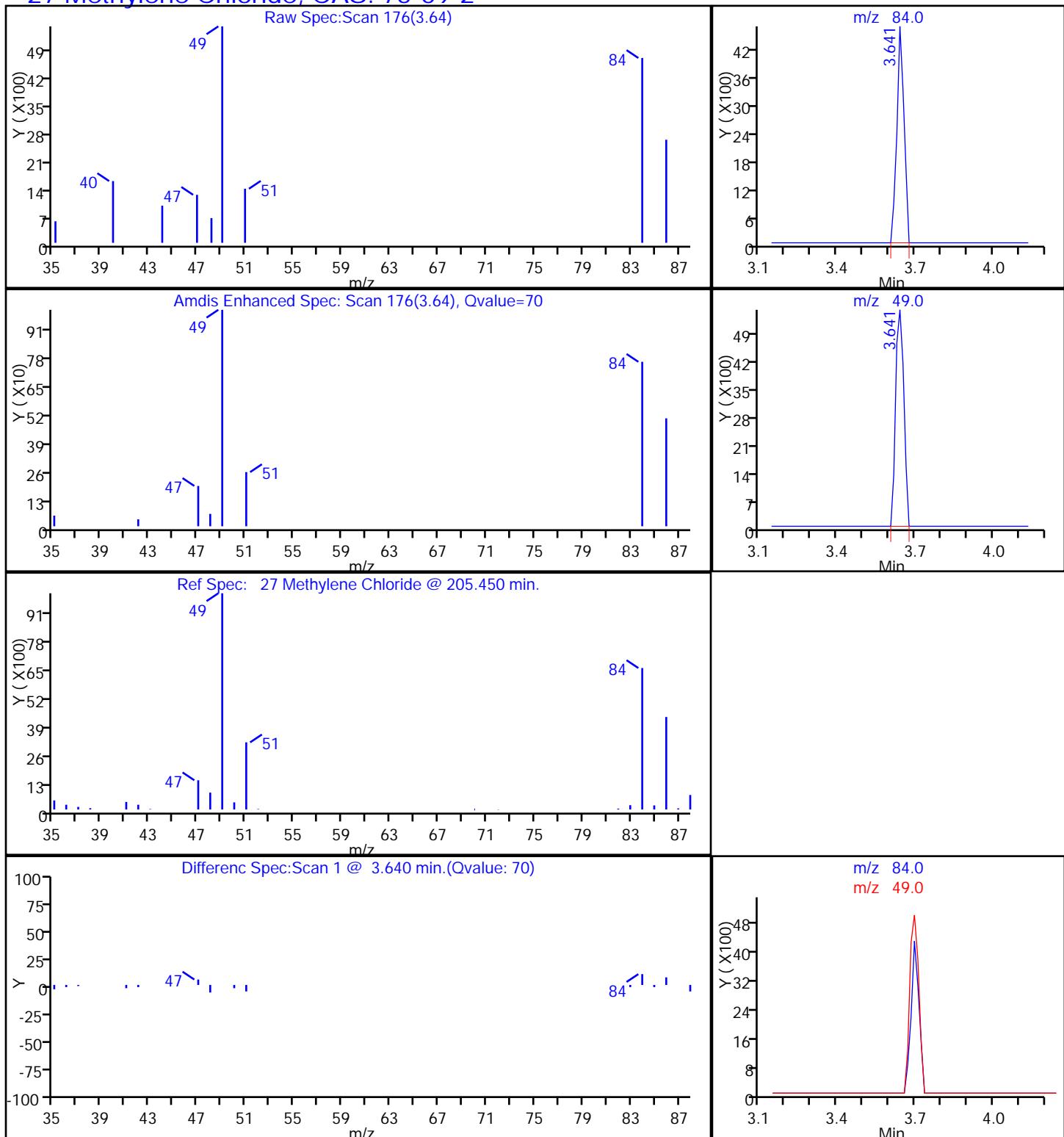
63 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

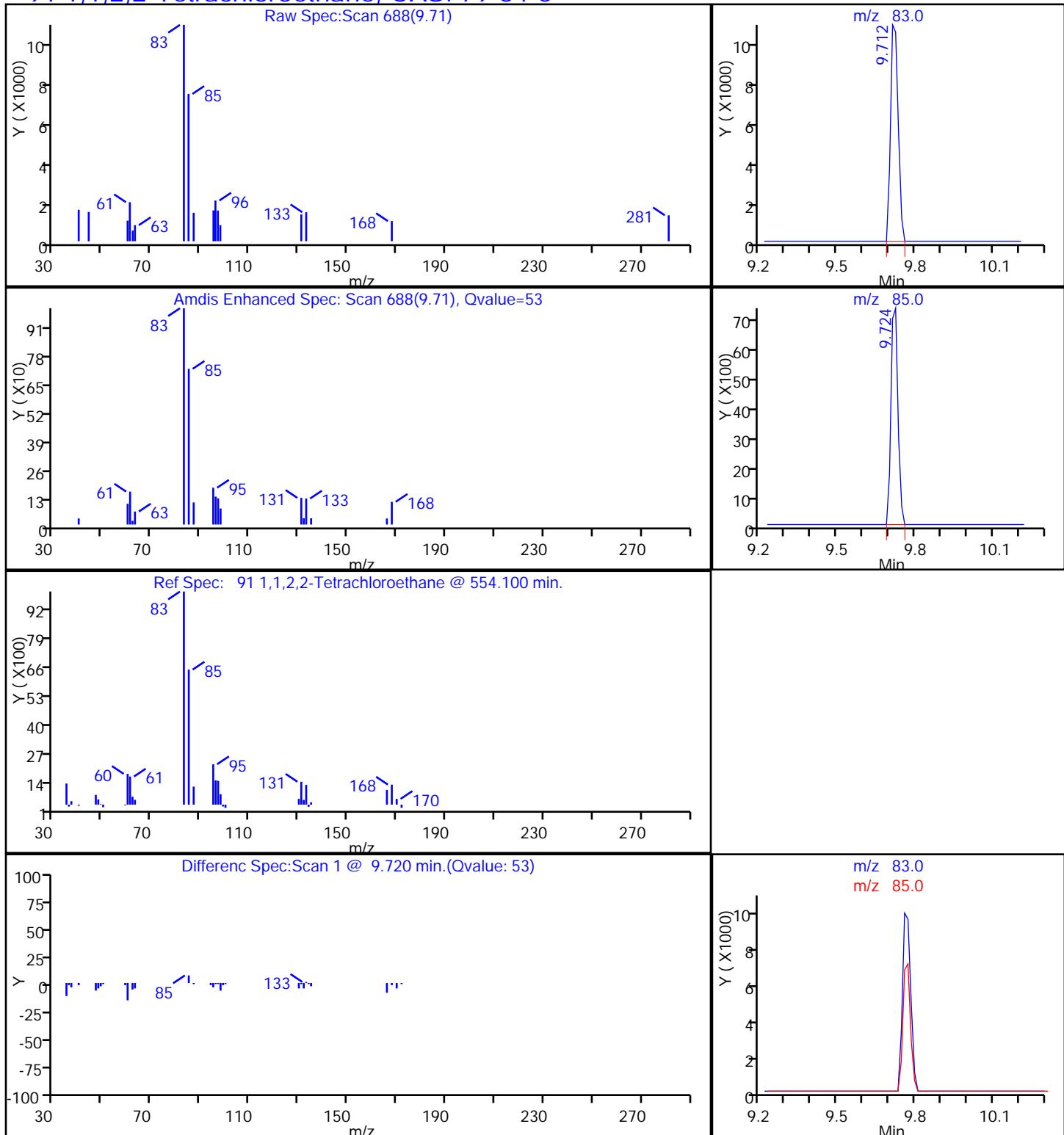
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Canton

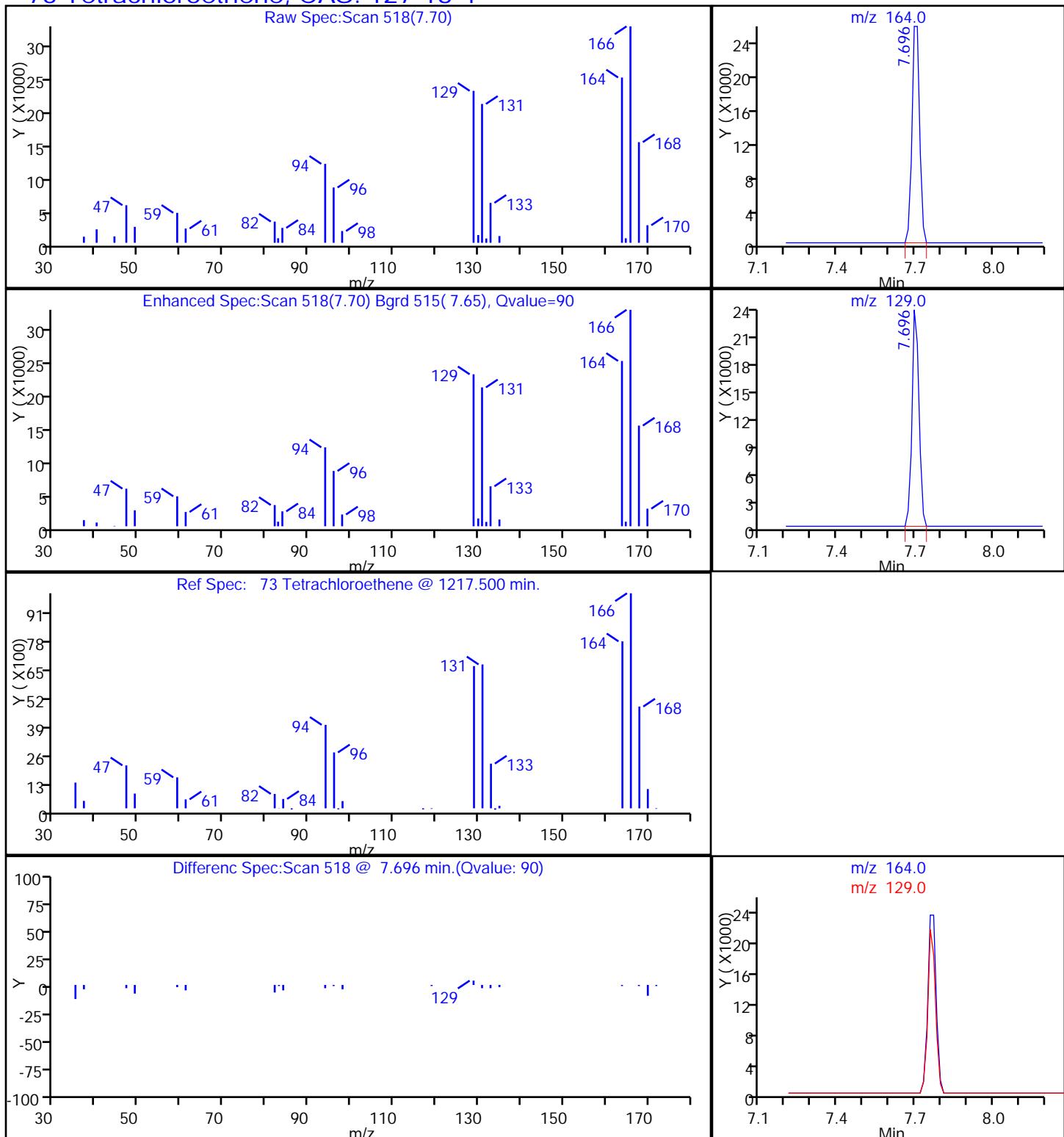
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 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

91 1,1,2,2-Tetrachloroethane, CAS: 79-34-5



TestAmerica Canton
 Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

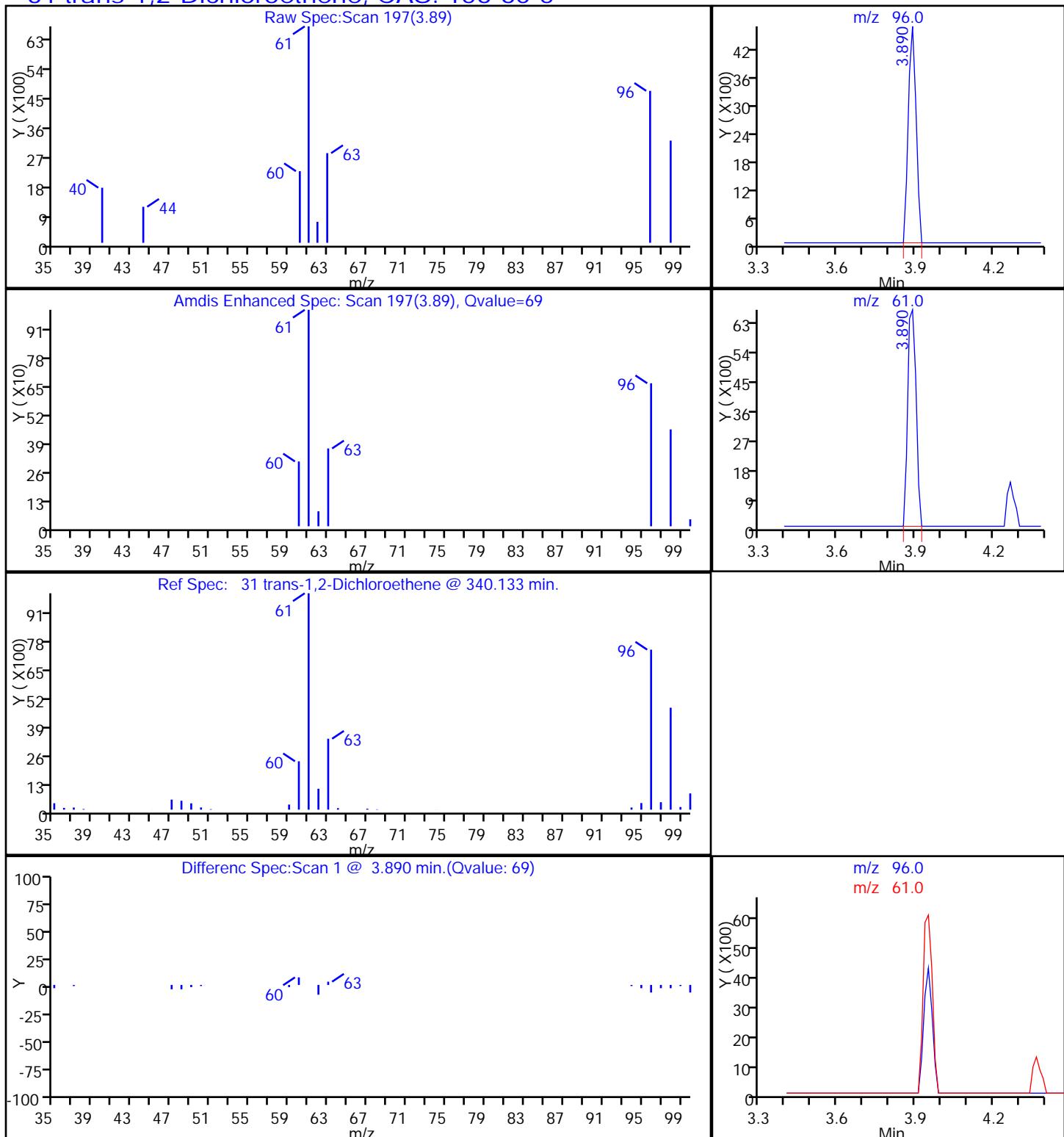
73 Tetrachloroethene, CAS: 127-18-4



TestAmerica Canton

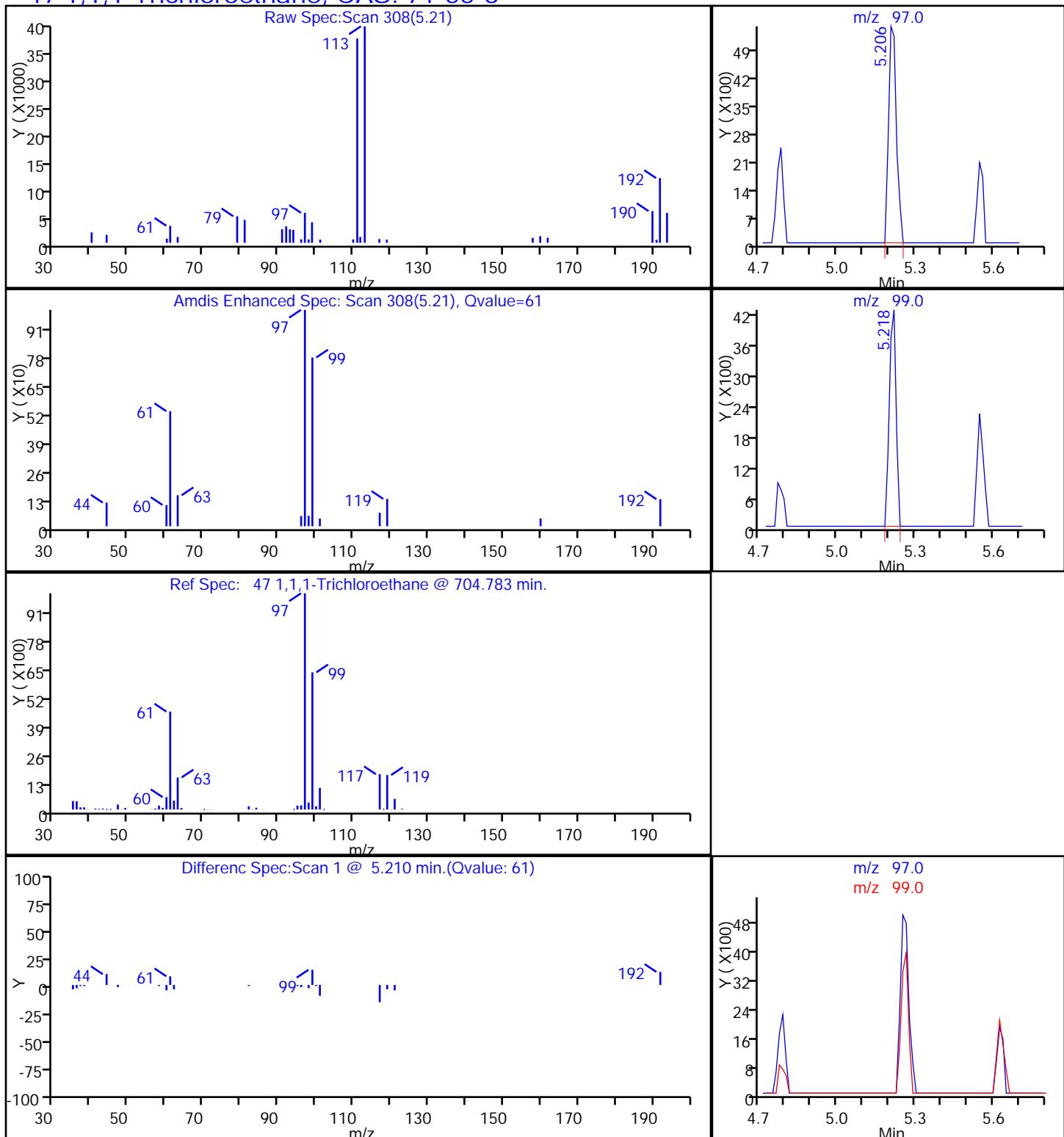
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 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

31 trans-1,2-Dichloroethene, CAS: 156-60-5



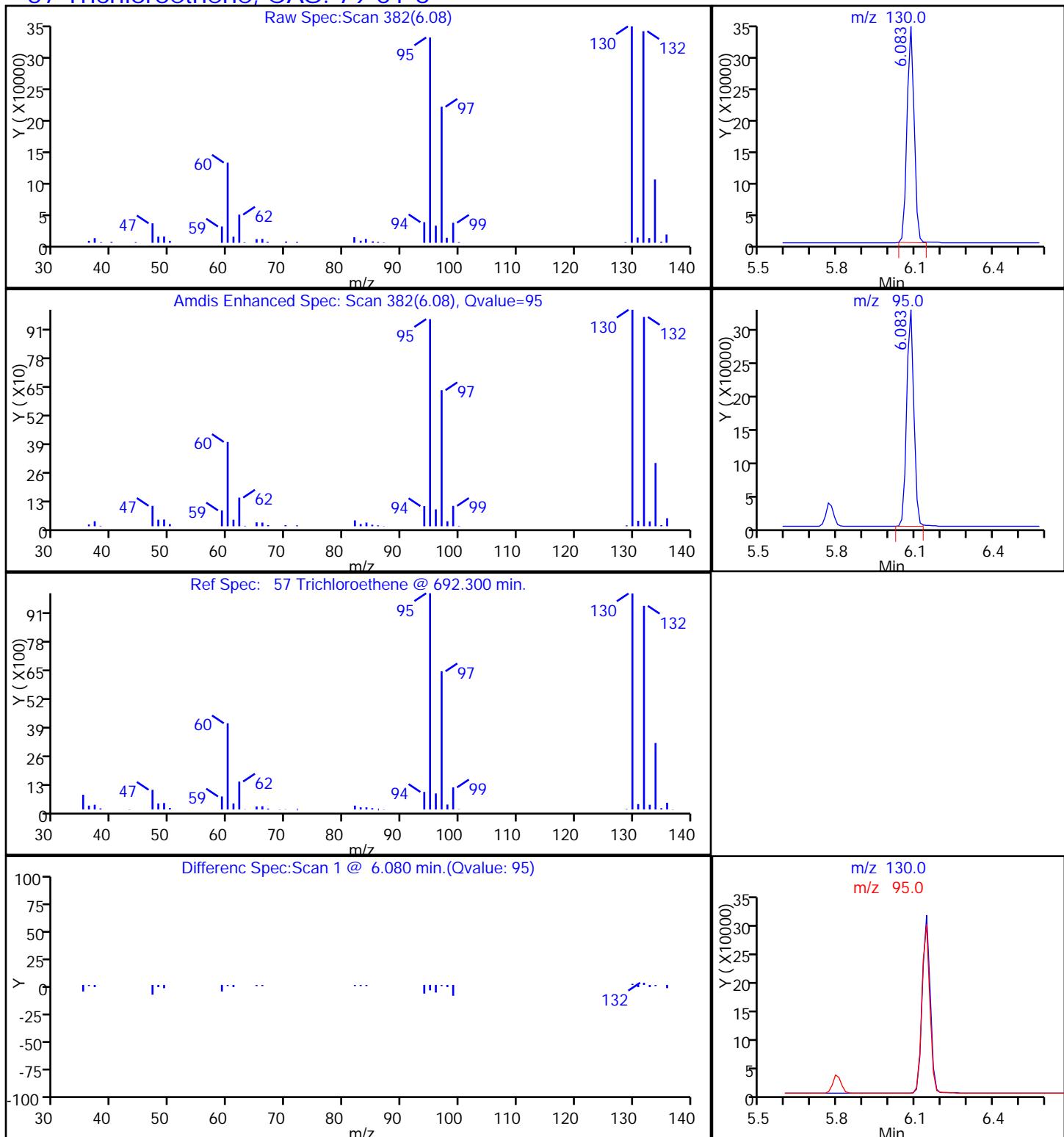
TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

47 1,1,1-Trichloroethane, CAS: 71-55-6

TestAmerica Canton

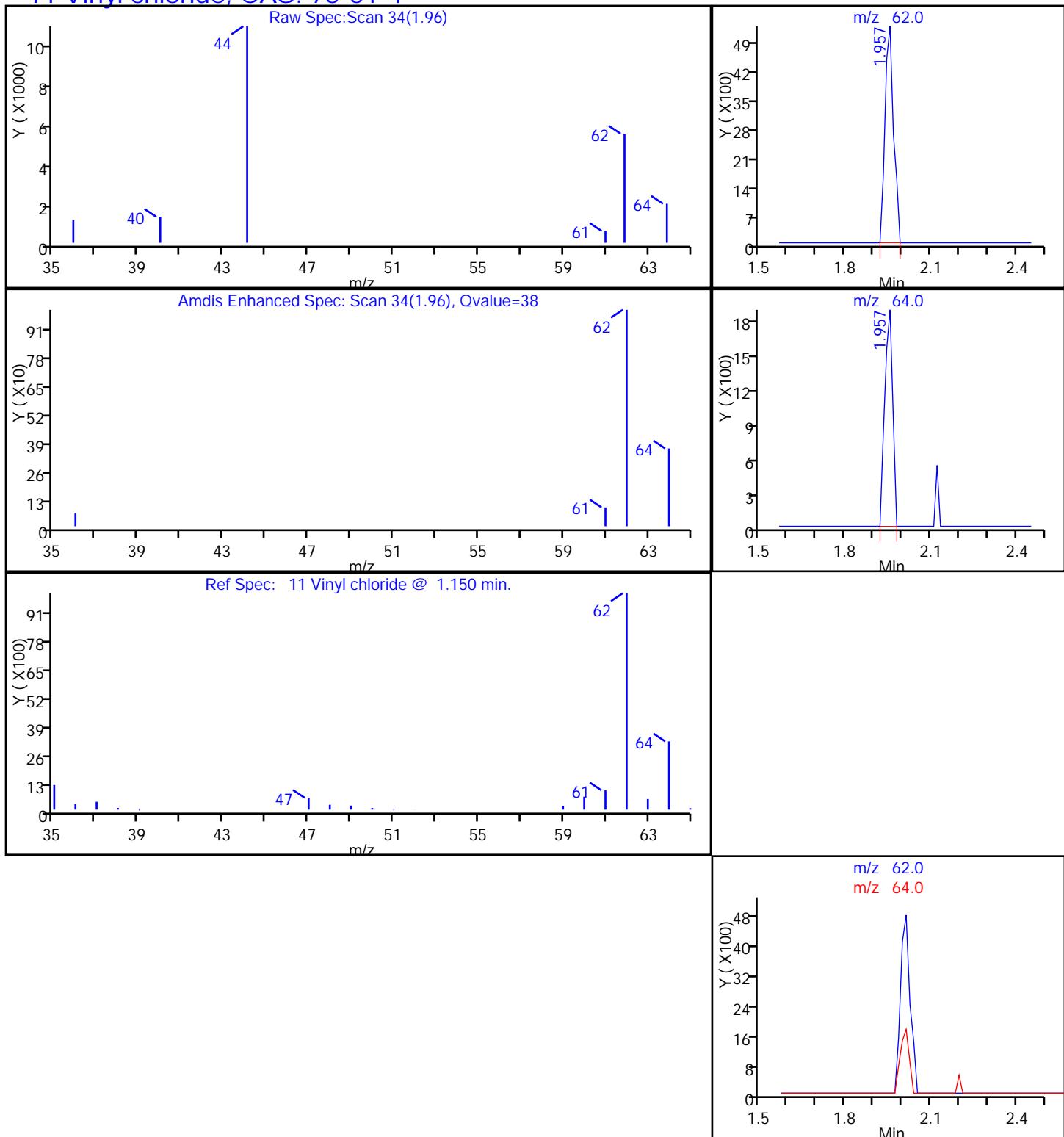
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 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

57 Trichloroethene, CAS: 79-01-6

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3406.D
 Injection Date: 15-May-2014 19:21:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-2 Lab Sample ID: 240-36937-2
 Client ID: MW015R/050614
 Operator ID: 1644 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 25.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Client Sample ID: MW044/050614 Lab Sample ID: 240-36937-3

Matrix: Water Lab File ID: UXJ8340.D

Analysis Method: 8260B Date Collected: 05/06/2014 12:35

Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 23:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW044/050614 Lab Sample ID: 240-36937-3
Matrix: Water Lab File ID: UXJ8340.D
Analysis Method: 8260B Date Collected: 05/06/2014 12:35
Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 23:48
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	76		66-120
1868-53-7	Dibromofluoromethane (Surr)	86		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		63-129
2037-26-5	Toluene-d8 (Surr)	87		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8340.D
 Lims ID: 240-36937-B-3 Lab Sample ID: 240-36937-3
 Client ID: MW044/050614
 Sample Type: Client
 Inject. Date: 14-May-2014 23:48:30 ALS Bottle#: 36 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-006
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:47:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1322637	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	80	697280	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	218466	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	95	270440	7.15	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	96	342790	6.54	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	998470	7.28	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	202532	6.37	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

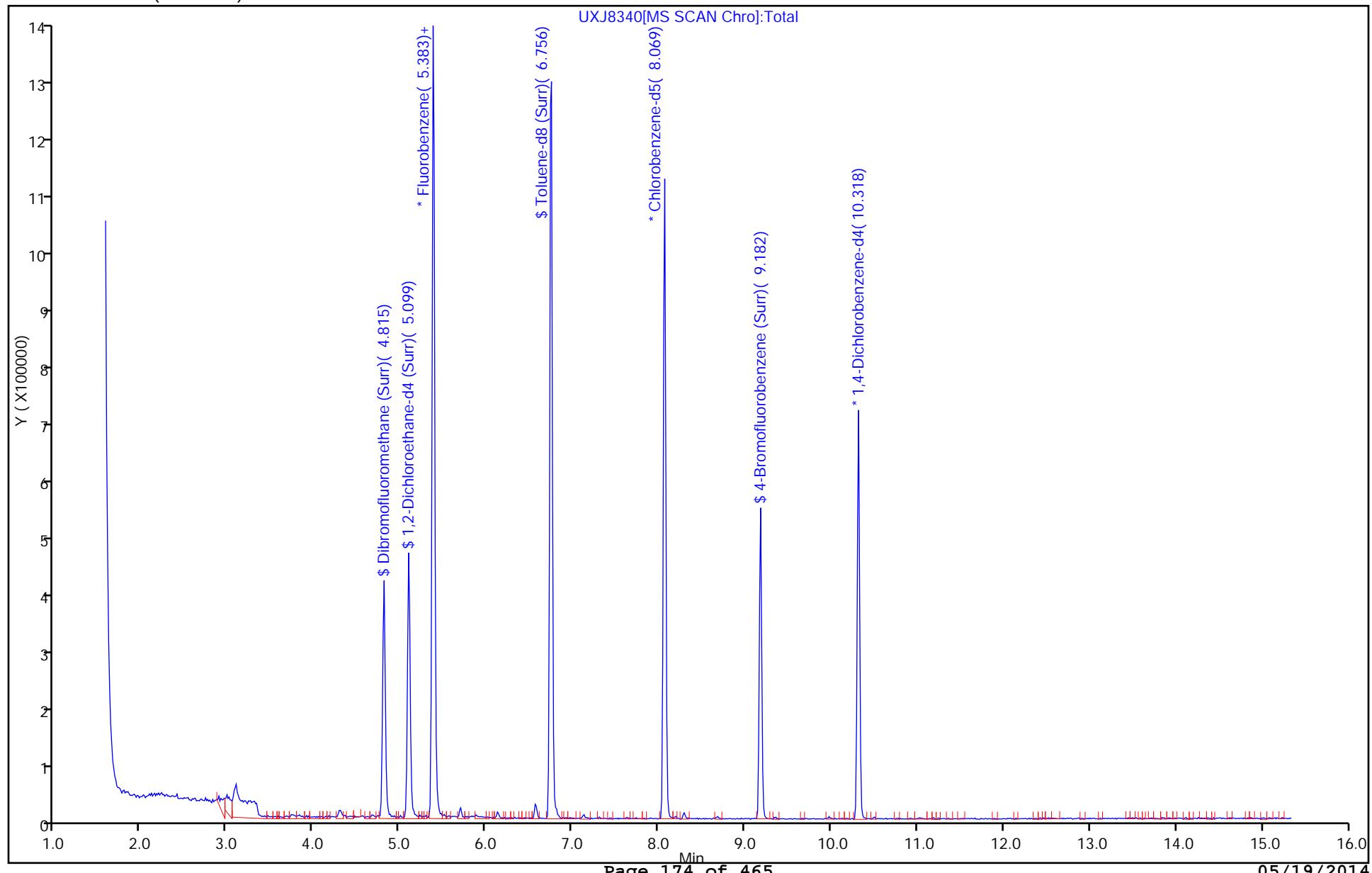
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:32

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\WNcchrom\ChromData\A3UX11\20140514-31011.b\UXJ8340.D	Instrument ID:	A3UX11	Operator ID:	43582
Injection Date:	14-May-2014 23:48:30	Lab Sample ID:	240-36937-3	Worklist Smp#:	6
Lims ID:	240-36937-B-3	Dil. Factor:	1.0000	ALS Bottle#:	36
Client ID:	MW044/050614	Limit Group:	MSV 8260B ICAL		
Purge Vol:	5.000 mL				
Method:	8260_11				
Column:	DB-624 (0.18 mm)				



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Client Sample ID: MW031A/050614 Lab Sample ID: 240-36937-4

Matrix: Water Lab File ID: UXR3407.D

Analysis Method: 8260B Date Collected: 05/06/2014 13:55

Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 19:43

Soil Aliquot Vol: _____ Dilution Factor: 16.67

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		170	18
75-05-8	Acetonitrile	ND		330	58
107-02-8	Acrolein	ND		330	37
107-13-1	Acrylonitrile	ND		330	33
71-43-2	Benzene	7.5	J	17	2.2
75-27-4	Bromodichloromethane	ND		17	2.5
75-25-2	Bromoform	ND		17	11
74-83-9	Bromomethane	ND		17	6.8
78-93-3	2-Butanone	ND		170	9.5
75-15-0	Carbon disulfide	ND		17	2.2
56-23-5	Carbon tetrachloride	ND		17	2.2
108-90-7	Chlorobenzene	ND		17	2.5
75-00-3	Chloroethane	ND		17	4.8
67-66-3	Chloroform	ND		17	2.7
74-87-3	Chloromethane	ND		17	5.0
126-99-8	Chloroprene	ND		33	4.8
107-05-1	3-Chloro-1-propene	ND		33	5.8
156-59-2	cis-1,2-Dichloroethene	390		17	2.8
10061-01-5	cis-1,3-Dichloropropene	ND		17	2.3
124-48-1	Dibromochloromethane	ND		17	3.0
96-12-8	1,2-Dibromo-3-Chloropropane	ND		33	11
74-95-3	Dibromomethane	ND		17	4.7
75-71-8	Dichlorodifluoromethane	ND		17	5.2
75-34-3	1,1-Dichloroethane	ND		17	2.5
107-06-2	1,2-Dichloroethane	39		17	3.7
75-35-4	1,1-Dichloroethene	ND		17	3.2
540-59-0	1,2-Dichloroethene, Total	390		33	2.8
78-87-5	1,2-Dichloropropene	ND		17	3.0
123-91-1	1,4-Dioxane	8700		830	320
100-41-4	Ethylbenzene	ND		17	2.8
106-93-4	Ethylene Dibromide	ND		17	4.0
97-63-2	Ethyl methacrylate	ND		17	2.3
591-78-6	2-Hexanone	ND		170	6.8
74-88-4	Iodomethane	ND		17	3.0
78-83-1	Isobutanol	ND		830	140
126-98-7	Methacrylonitrile	ND		33	8.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW031A/050614 Lab Sample ID: 240-36937-4
Matrix: Water Lab File ID: UXR3407.D
Analysis Method: 8260B Date Collected: 05/06/2014 13:55
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 19:43
Soil Aliquot Vol.: Dilution Factor: 16.67
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	7.2	J B	17	5.5
80-62-6	Methyl methacrylate	ND		33	8.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		170	5.3
107-12-0	Propionitrile	ND		67	20
100-42-5	Styrene	ND		17	1.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		17	3.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		17	3.0
127-18-4	Tetrachloroethene	140		17	4.8
108-88-3	Toluene	ND		17	2.2
110-57-6	trans-1,4-Dichloro-2-butene	ND		17	2.5
156-60-5	trans-1,2-Dichloroethene	ND		17	3.2
10061-02-6	trans-1,3-Dichloropropene	ND		17	3.2
71-55-6	1,1,1-Trichloroethane	ND		17	3.7
79-00-5	1,1,2-Trichloroethane	ND		17	4.5
79-01-6	Trichloroethene	500		17	2.8
75-69-4	Trichlorofluoromethane	ND		17	3.5
96-18-4	1,2,3-Trichloropropane	ND		17	7.2
108-05-4	Vinyl acetate	ND	*	33	3.2
75-01-4	Vinyl chloride	110		17	3.7
1330-20-7	Xylenes, Total	ND		33	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		66-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		63-129
2037-26-5	Toluene-d8 (Surr)	95		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3407.D
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 19:43:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Sample Info: 240-0031043-023
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 16-May-2014 08:44:51 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK051

First Level Reviewer: williamsla Date: 16-May-2014 08:44:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	859013	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	82	652936	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	360593	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	58	170070	8.72	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.490	5.491	-0.001	0	216302	8.74	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	759338	8.49	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	92	261317	8.14	
9 Dichlorodifluoromethane	85		1.648					
10 Chloromethane	50		1.838					
11 Vinyl chloride	62	1.957	1.957	0.000	97	219083	6.70	
12 Bromomethane	94		2.324					
13 Chloroethane	64		2.431					
15 Trichlorofluoromethane	101		2.668					
18 Acrolein	56		3.095					
19 1,1-Dichloroethene	96	3.178	3.178	0.000	51	2703	0.1279	
21 Acetone	43	3.237	3.237	0.000	70	8839	0.6332	
22 Iodomethane	142		3.332					
23 Carbon disulfide	76		3.392					
24 Acetonitrile	41		3.510					
25 3-Chloro-1-propene	76		3.522					
27 Methylene Chloride	84	3.641	3.641	-0.001	74	11487	0.4293	
29 Acrylonitrile	53		3.878					
31 trans-1,2-Dichloroethene	96		3.890					
33 1,1-Dichloroethane	63		4.269					
34 Vinyl acetate	43		4.305					
36 2-Chloro-1,3-butadiene	53		4.340					
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	68	617171	23.2	
40 2-Butanone (MEK)	43		4.791					
42 Propionitrile	54		4.850					
43 Methacrylonitrile	41		4.981					
46 Chloroform	83		5.052					
47 1,1,1-Trichloroethane	97		5.218					

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.360					
51 Isobutyl alcohol	41		5.431					
52 Benzene	78	5.538	5.538	0.000	59	48193	0.4503	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	88	69072	2.33	
57 Trichloroethene	130	6.083	6.083	0.000	94	759635	30.1	
60 1,2-Dichloropropane	63		6.285					
61 Methyl methacrylate	41		6.356					
63 1,4-Dioxane	88	6.392	6.392	0.000	95	107735	520.1	
62 Dibromomethane	93		6.392					
64 Dichlorobromomethane	83		6.522					
67 cis-1,3-Dichloropropene	75		6.902					
68 4-Methyl-2-pentanone (MIBK)	43		7.032					
69 Toluene	91		7.210					
70 trans-1,3-Dichloropropene	75		7.400					
71 Ethyl methacrylate	69		7.459					
72 1,1,2-Trichloroethane	97		7.566					
73 Tetrachloroethene	164	7.708	7.708	0.000	92	164305	8.10	
76 2-Hexanone	43		7.779					
78 Chlorodibromomethane	129		7.945					
79 Ethylene Dibromide	107		8.052					
81 Chlorobenzene	112		8.503					
82 1,1,1,2-Tetrachloroethane	131		8.574					
83 Ethylbenzene	106		8.586					
84 m-Xylene & p-Xylene	106		8.692					
85 o-Xylene	106		9.084					
86 Styrene	104		9.096					
87 Bromoform	173		9.285					
91 1,1,2,2-Tetrachloroethane	83		9.712					
93 trans-1,4-Dichloro-2-butene	53		9.771					
94 1,2,3-Trichloropropane	110		9.771					
111 1,2-Dibromo-3-Chloropropan	157		11.906					
S 128 1,2-Dichloroethene, Total	96				0		23.2	
S 130 Xylenes, Total	106		16.530					

Report Date: 16-May-2014 08:50:10

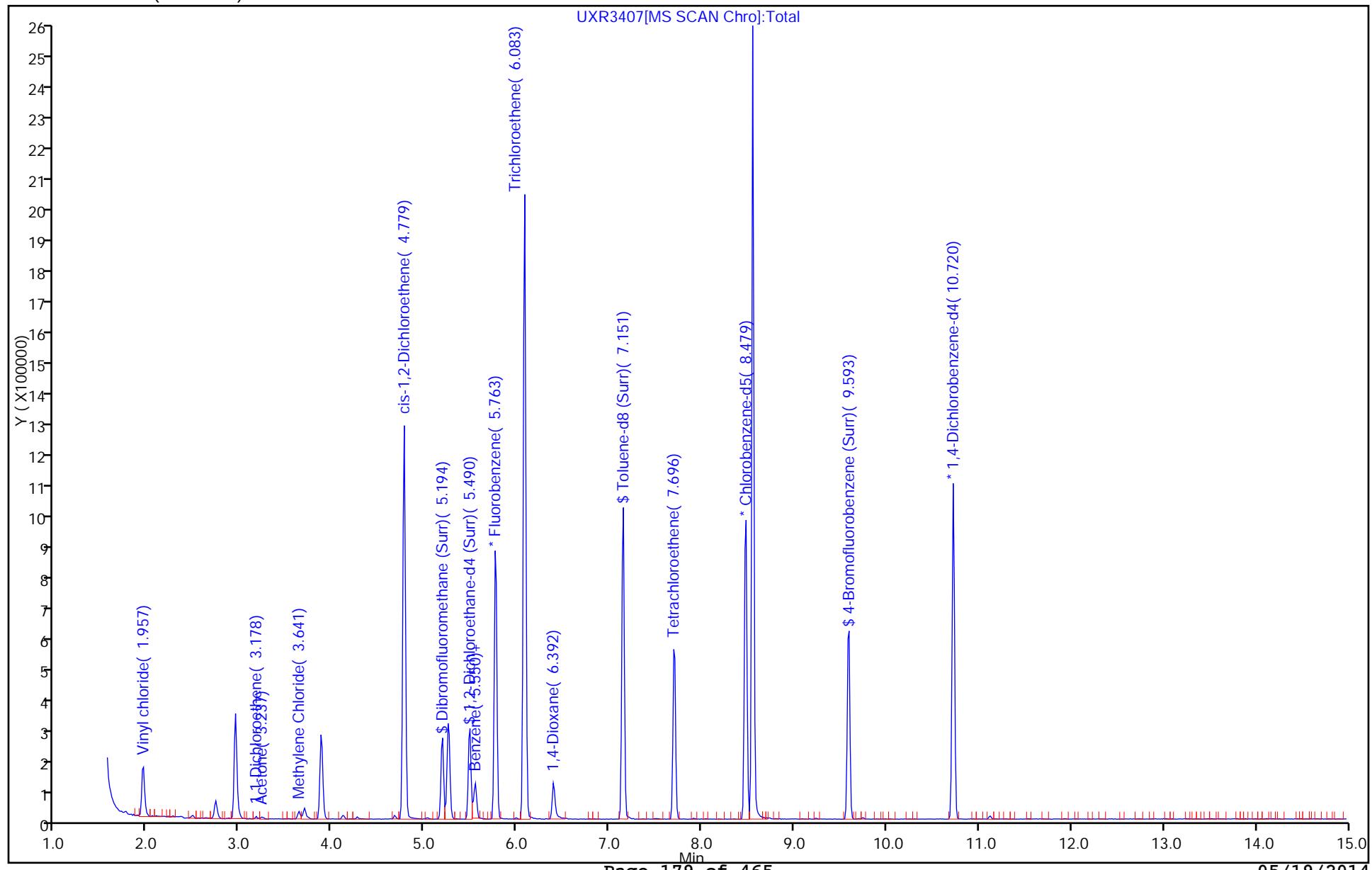
Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

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Injection Date:	15-May-2014 19:43:30	Instrument ID:	A3UX17
Lims ID:	240-36937-B-4	Lab Sample ID:	240-36937-4
Client ID:	MW031A/050614	Dil. Factor:	16.6700
Purge Vol:	5.000 mL	Limit Group:	MSV 8260B ICAL
Method:	8260_17		
Column:	DB-624 (0.18 mm)		

Operator ID: 1644
Worklist Smp#: 23

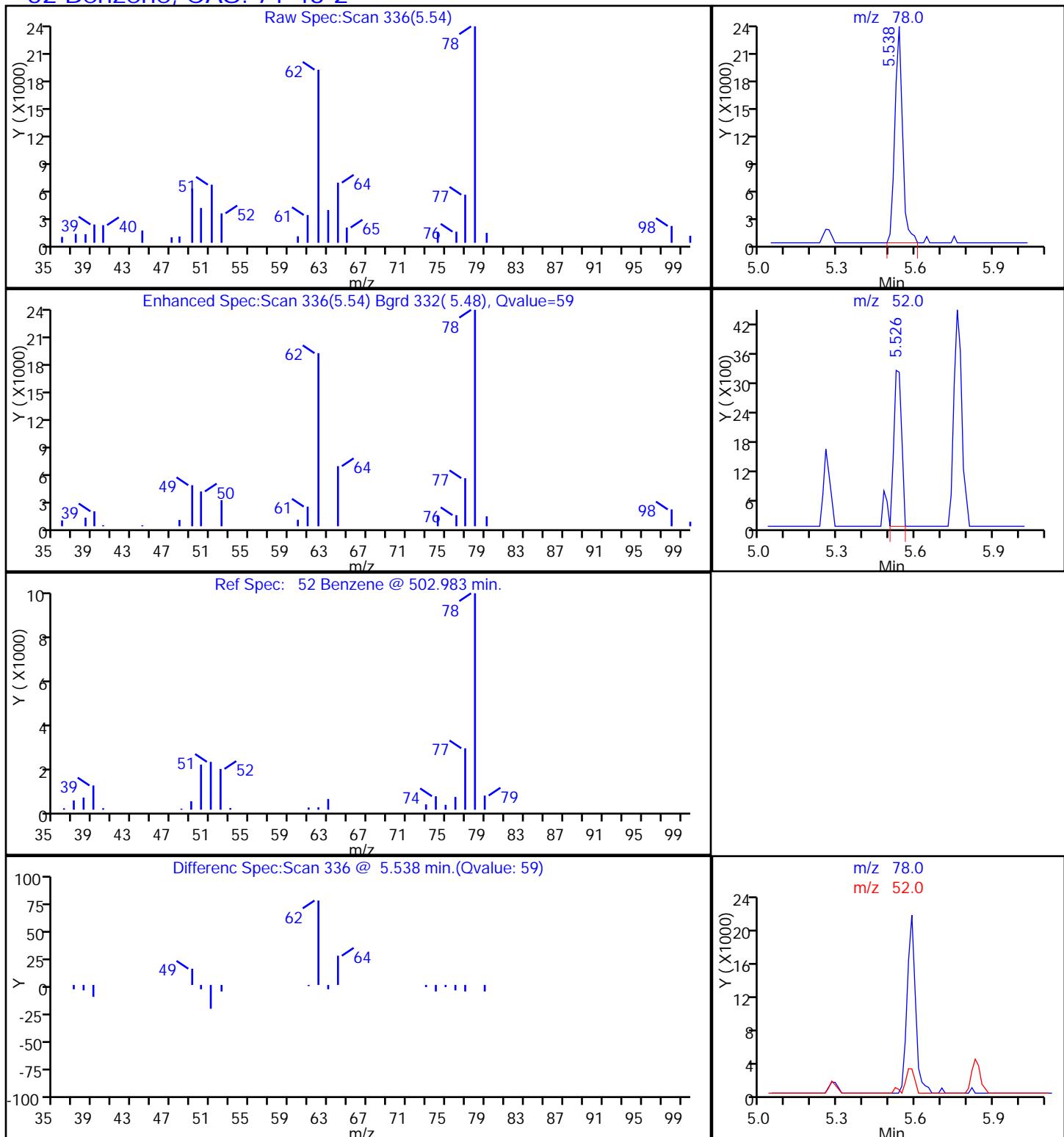
ALS Bottle#: 22



TestAmerica Canton

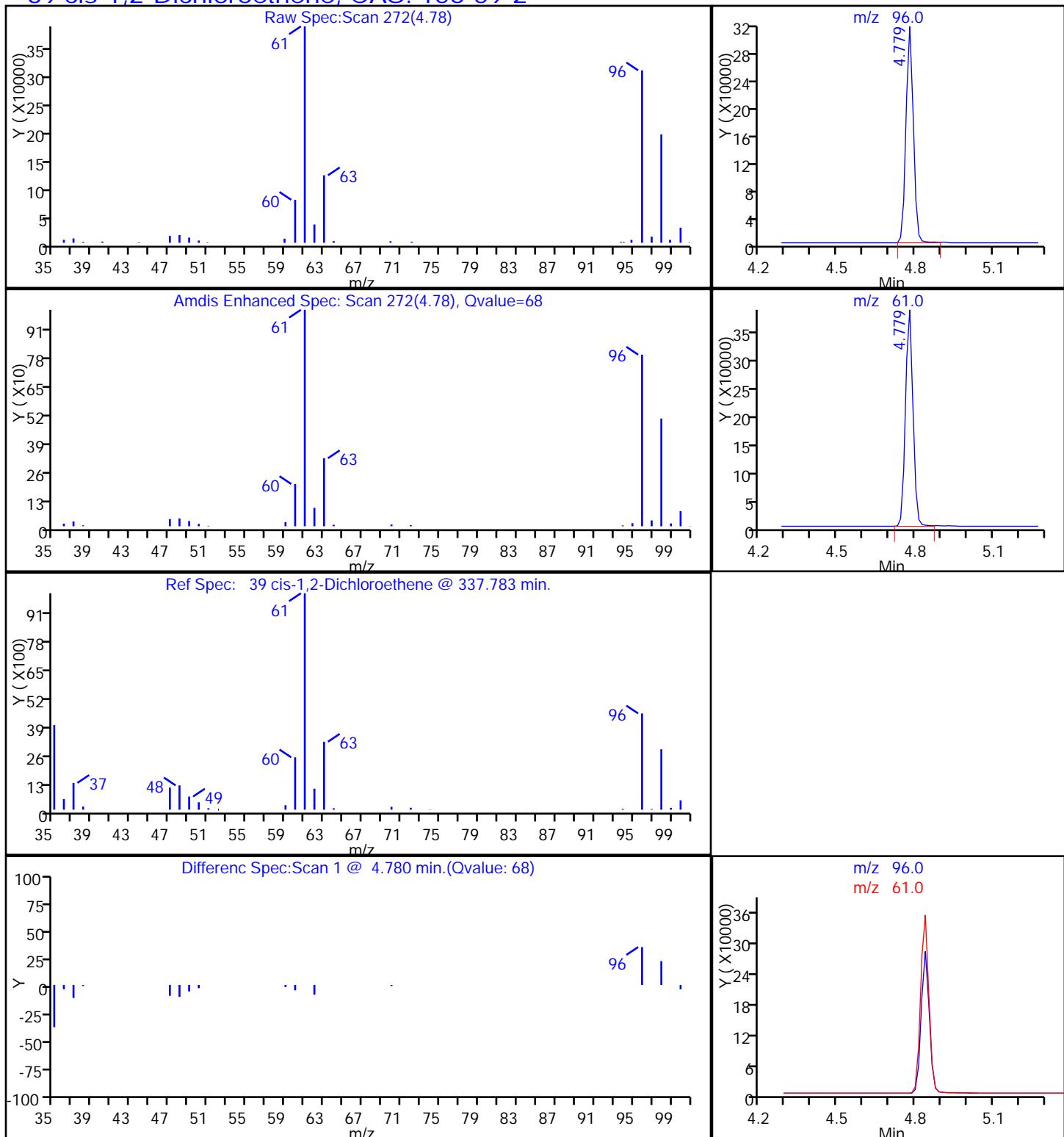
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 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

52 Benzene, CAS: 71-43-2



TestAmerica Canton

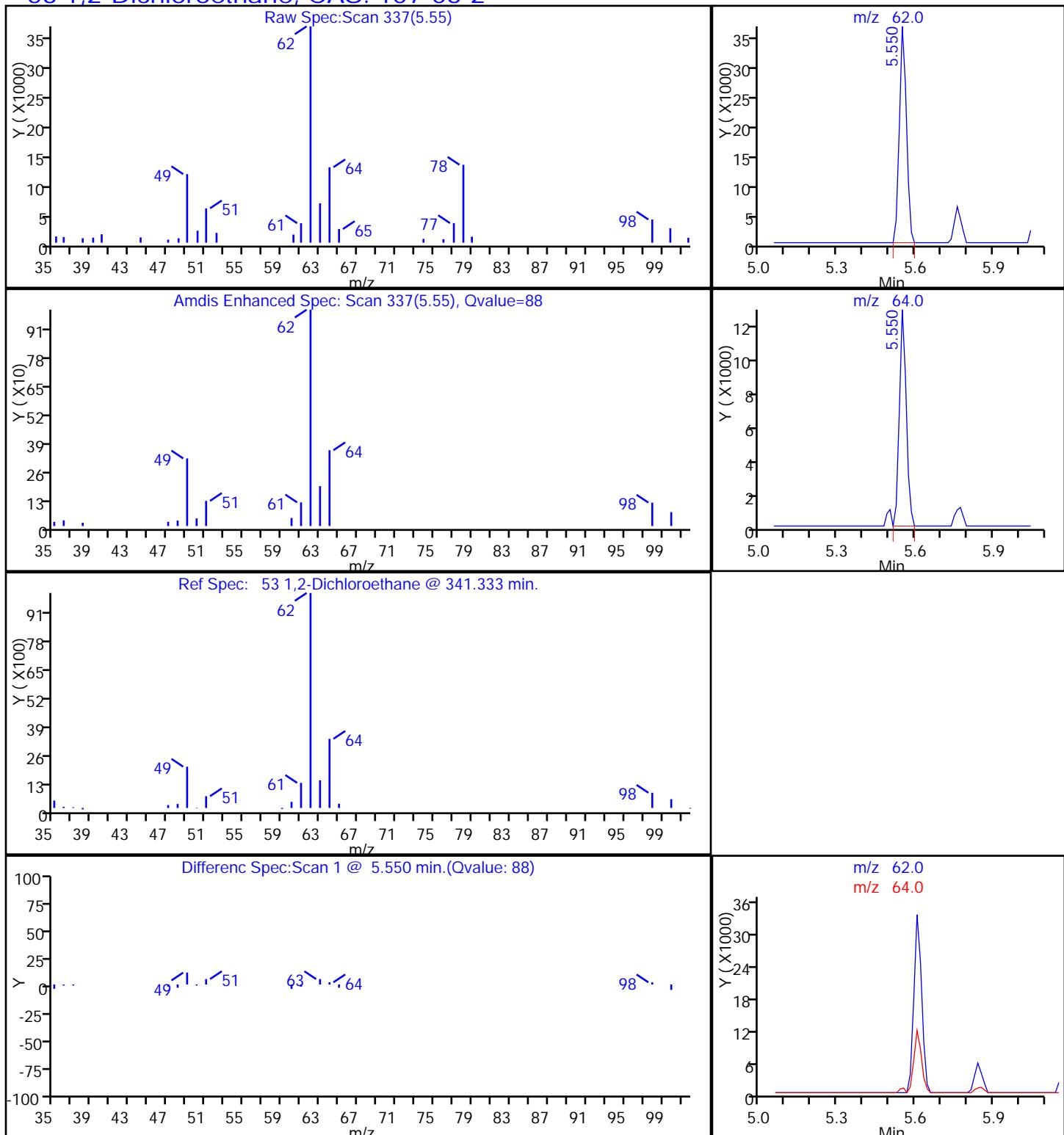
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 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3407.D
 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

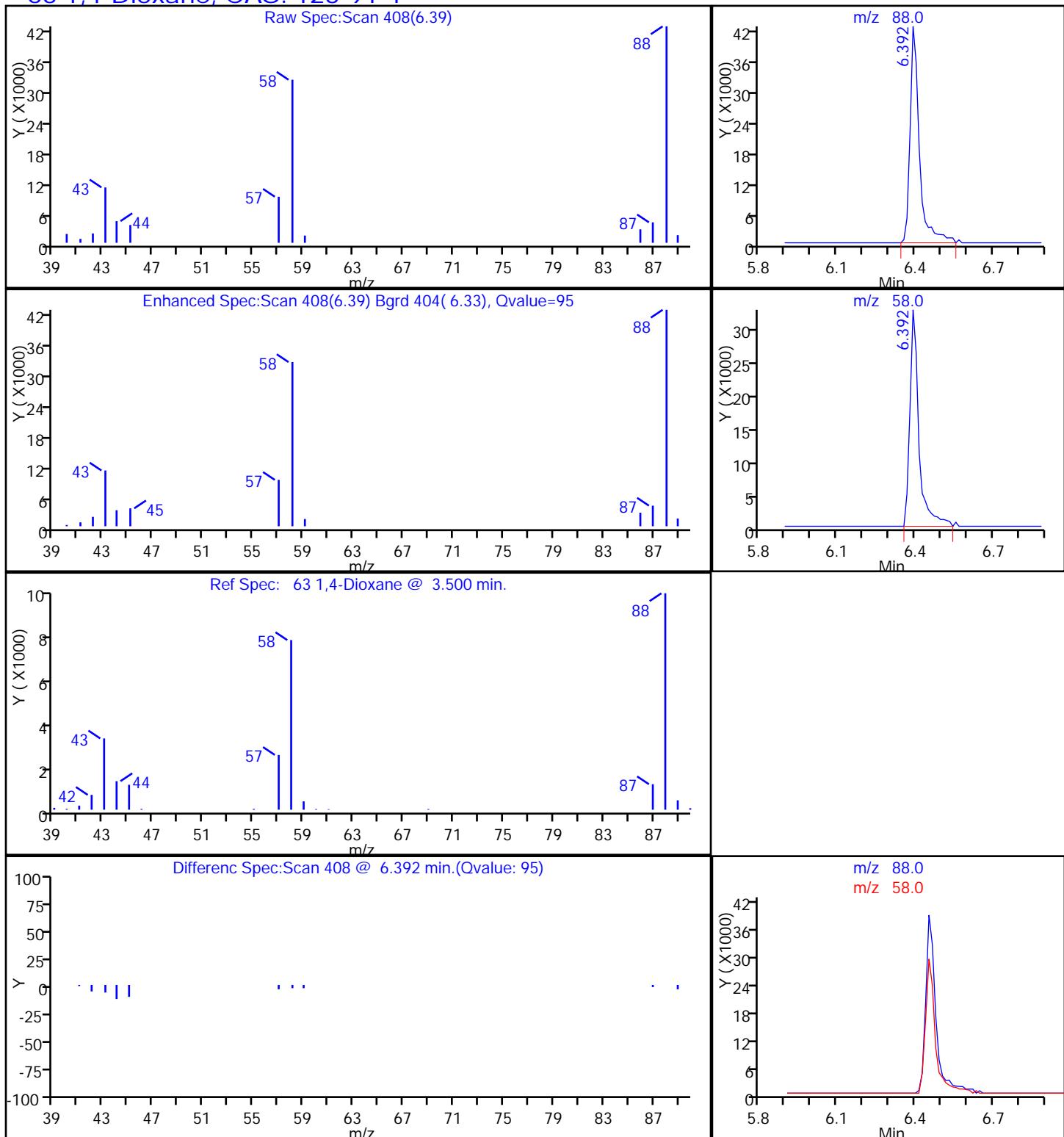
53 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3407.D
 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

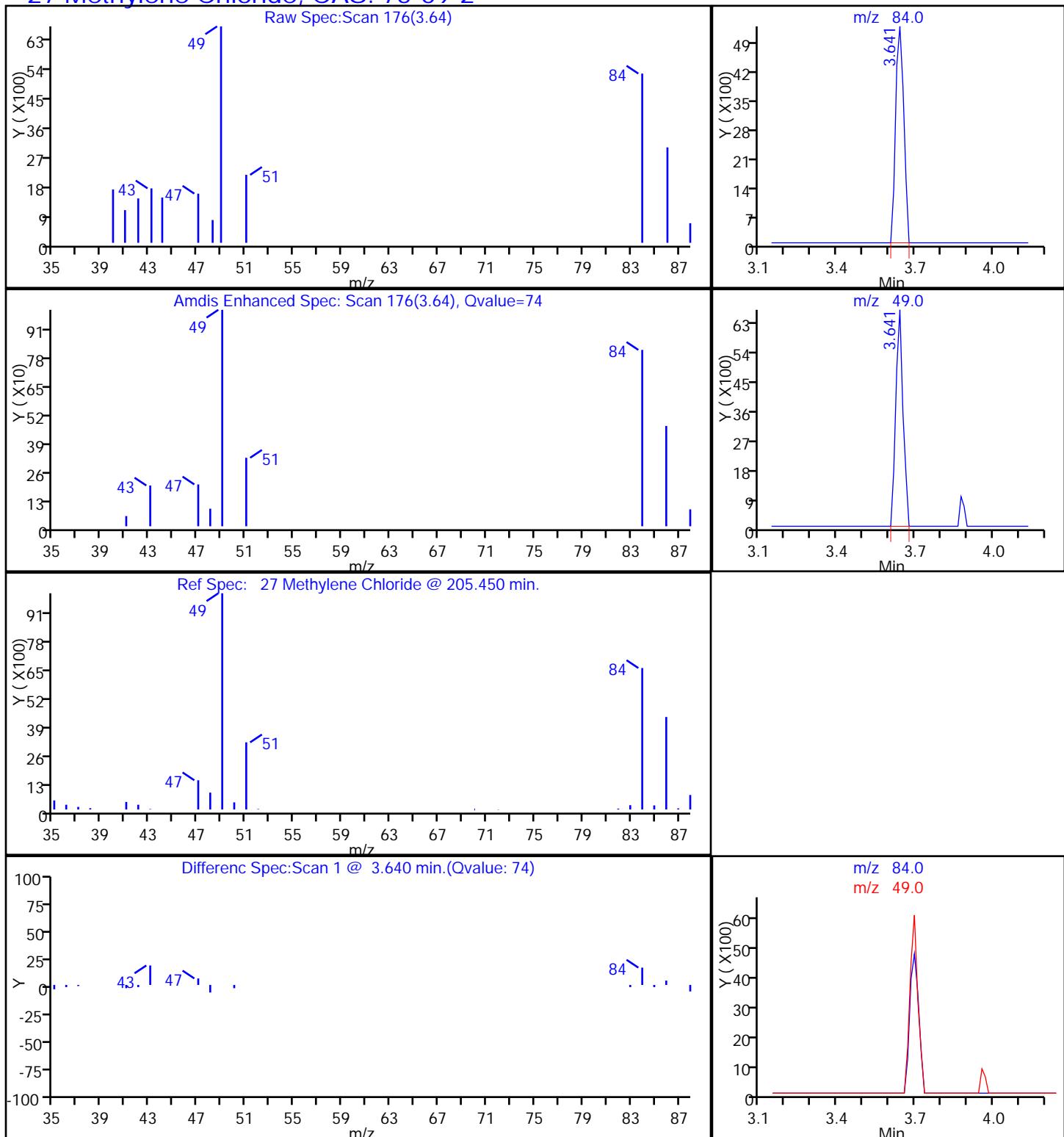
63 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton

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 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

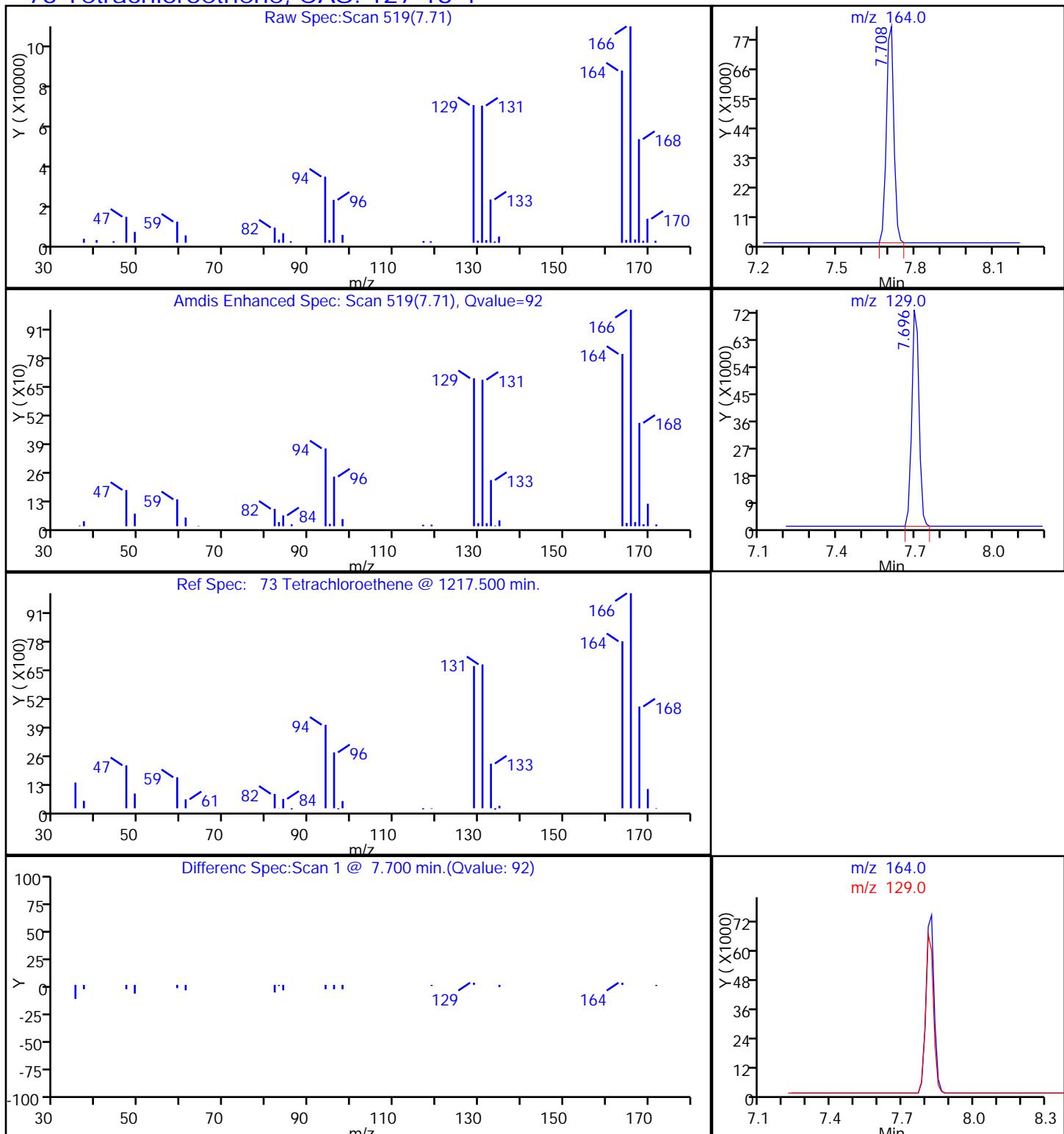
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Canton

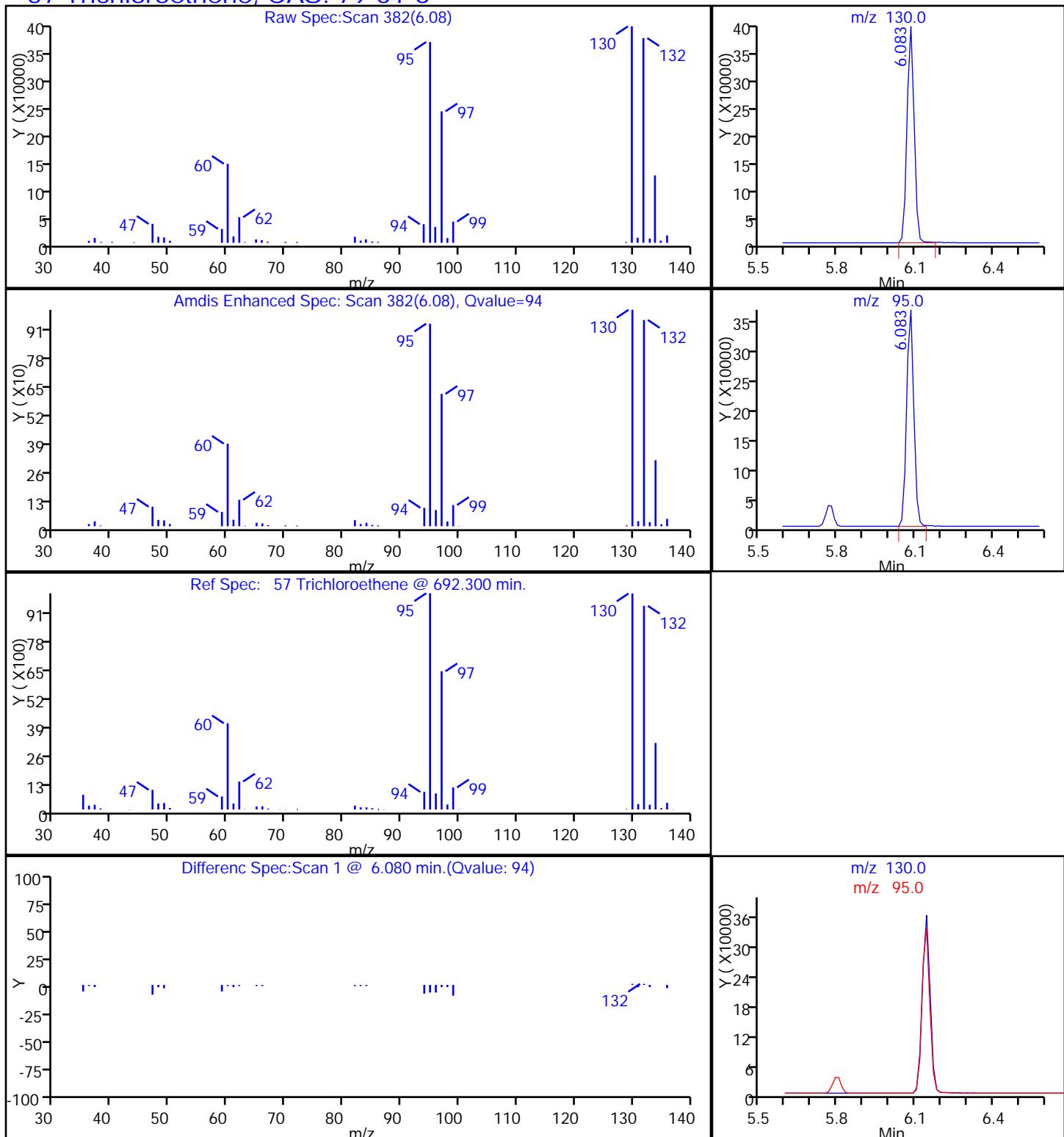
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 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

73 Tetrachloroethene, CAS: 127-18-4



TestAmerica Canton

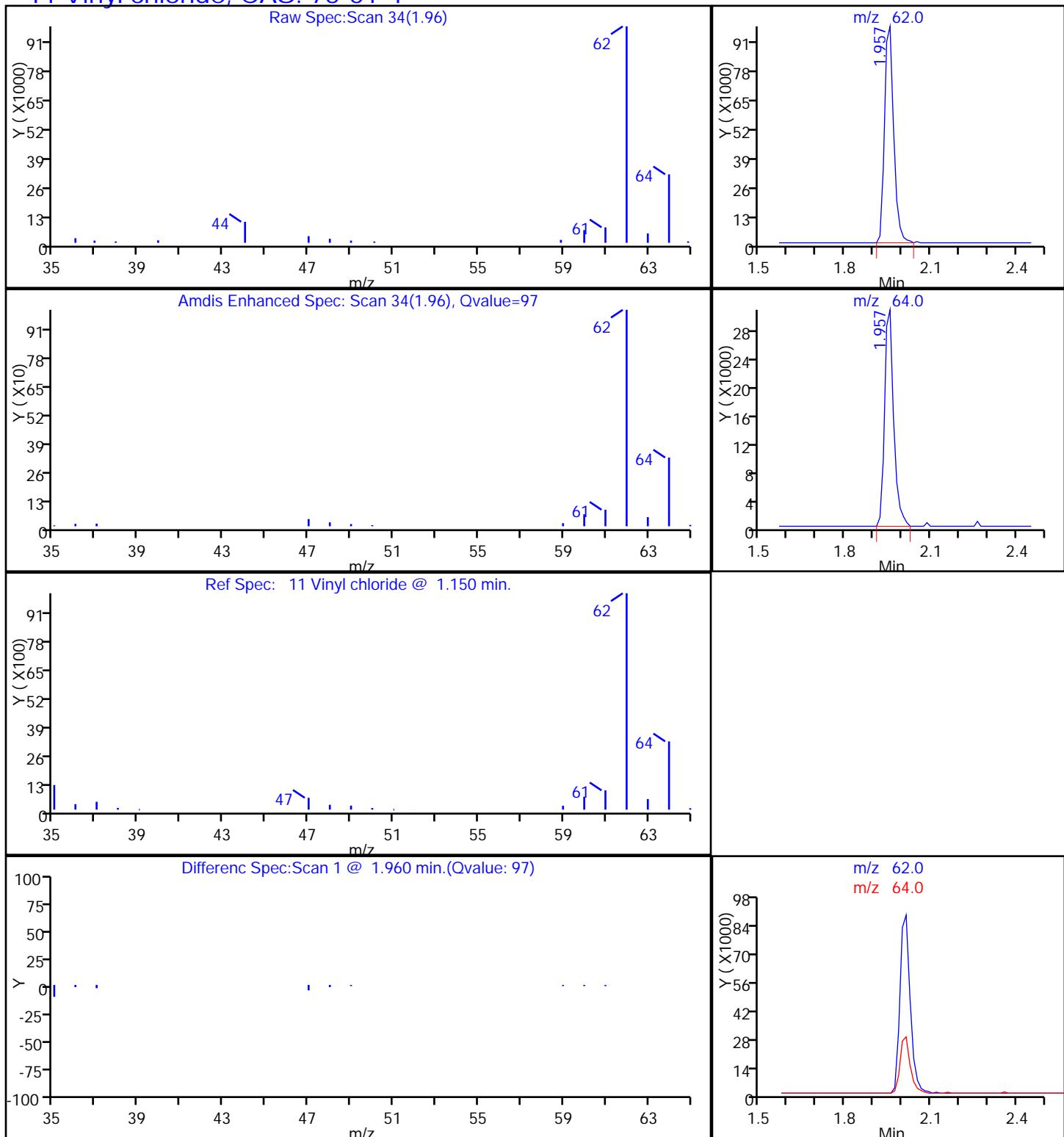
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 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

57 Trichloroethene, CAS: 79-01-6

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3407.D
 Injection Date: 15-May-2014 19:43:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-4 Lab Sample ID: 240-36937-4
 Client ID: MW031A/050614
 Operator ID: 1644 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 16.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: MW031D/050614 Lab Sample ID: 240-36937-5
Matrix: Water Lab File ID: UXR3408.D
Analysis Method: 8260B Date Collected: 05/06/2014 13:50
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 20:05
Soil Aliquot Vol: _____ Dilution Factor: 6.67
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		67	7.3
75-05-8	Acetonitrile	ND		130	23
107-02-8	Acrolein	ND		130	15
107-13-1	Acrylonitrile	ND		130	13
71-43-2	Benzene	ND		6.7	0.87
75-27-4	Bromodichloromethane	ND		6.7	1.0
75-25-2	Bromoform	ND		6.7	4.3
74-83-9	Bromomethane	ND		6.7	2.7
78-93-3	2-Butanone	ND		67	3.8
75-15-0	Carbon disulfide	ND		6.7	0.87
56-23-5	Carbon tetrachloride	ND		6.7	0.87
108-90-7	Chlorobenzene	ND		6.7	1.0
75-00-3	Chloroethane	ND		6.7	1.9
67-66-3	Chloroform	ND		6.7	1.1
74-87-3	Chloromethane	ND		6.7	2.0
126-99-8	Chloroprene	ND		13	1.9
107-05-1	3-Chloro-1-propene	ND		13	2.3
156-59-2	cis-1,2-Dichloroethene	80		6.7	1.1
10061-01-5	cis-1,3-Dichloropropene	ND		6.7	0.93
124-48-1	Dibromochloromethane	ND		6.7	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	ND		13	4.5
74-95-3	Dibromomethane	ND		6.7	1.9
75-71-8	Dichlorodifluoromethane	ND		6.7	2.1
75-34-3	1,1-Dichloroethane	ND		6.7	1.0
107-06-2	1,2-Dichloroethane	95		6.7	1.5
75-35-4	1,1-Dichloroethene	ND		6.7	1.3
540-59-0	1,2-Dichloroethene, Total	80		13	1.1
78-87-5	1,2-Dichloropropene	ND		6.7	1.2
123-91-1	1,4-Dioxane	1700		330	130
100-41-4	Ethylbenzene	ND		6.7	1.1
106-93-4	Ethylene Dibromide	ND		6.7	1.6
97-63-2	Ethyl methacrylate	ND		6.7	0.93
591-78-6	2-Hexanone	ND		67	2.7
74-88-4	Iodomethane	ND		6.7	1.2
78-83-1	Isobutanol	ND		330	55
126-98-7	Methacrylonitrile	ND		13	3.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW031D/050614 Lab Sample ID: 240-36937-5
Matrix: Water Lab File ID: UXR3408.D
Analysis Method: 8260B Date Collected: 05/06/2014 13:50
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 20:05
Soil Aliquot Vol.: Dilution Factor: 6.67
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	2.5	J B	6.7	2.2
80-62-6	Methyl methacrylate	ND		13	3.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		67	2.1
107-12-0	Propionitrile	ND		27	8.0
100-42-5	Styrene	ND		6.7	0.73
630-20-6	1,1,1,2-Tetrachloroethane	ND		6.7	1.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.7	1.2
127-18-4	Tetrachloroethene	2.3	J	6.7	1.9
108-88-3	Toluene	ND		6.7	0.87
110-57-6	trans-1,4-Dichloro-2-butene	ND		6.7	1.0
156-60-5	trans-1,2-Dichloroethene	ND		6.7	1.3
10061-02-6	trans-1,3-Dichloropropene	ND		6.7	1.3
71-55-6	1,1,1-Trichloroethane	ND		6.7	1.5
79-00-5	1,1,2-Trichloroethane	ND		6.7	1.8
79-01-6	Trichloroethene	31		6.7	1.1
75-69-4	Trichlorofluoromethane	ND		6.7	1.4
96-18-4	1,2,3-Trichloropropane	ND		6.7	2.9
108-05-4	Vinyl acetate	ND	*	13	1.3
75-01-4	Vinyl chloride	14		6.7	1.5
1330-20-7	Xylenes, Total	ND		13	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		66-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		63-129
2037-26-5	Toluene-d8 (Surr)	92		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3408.D
 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 20:05:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Sample Info: 240-0031043-024
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 16-May-2014 08:44:51 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK051

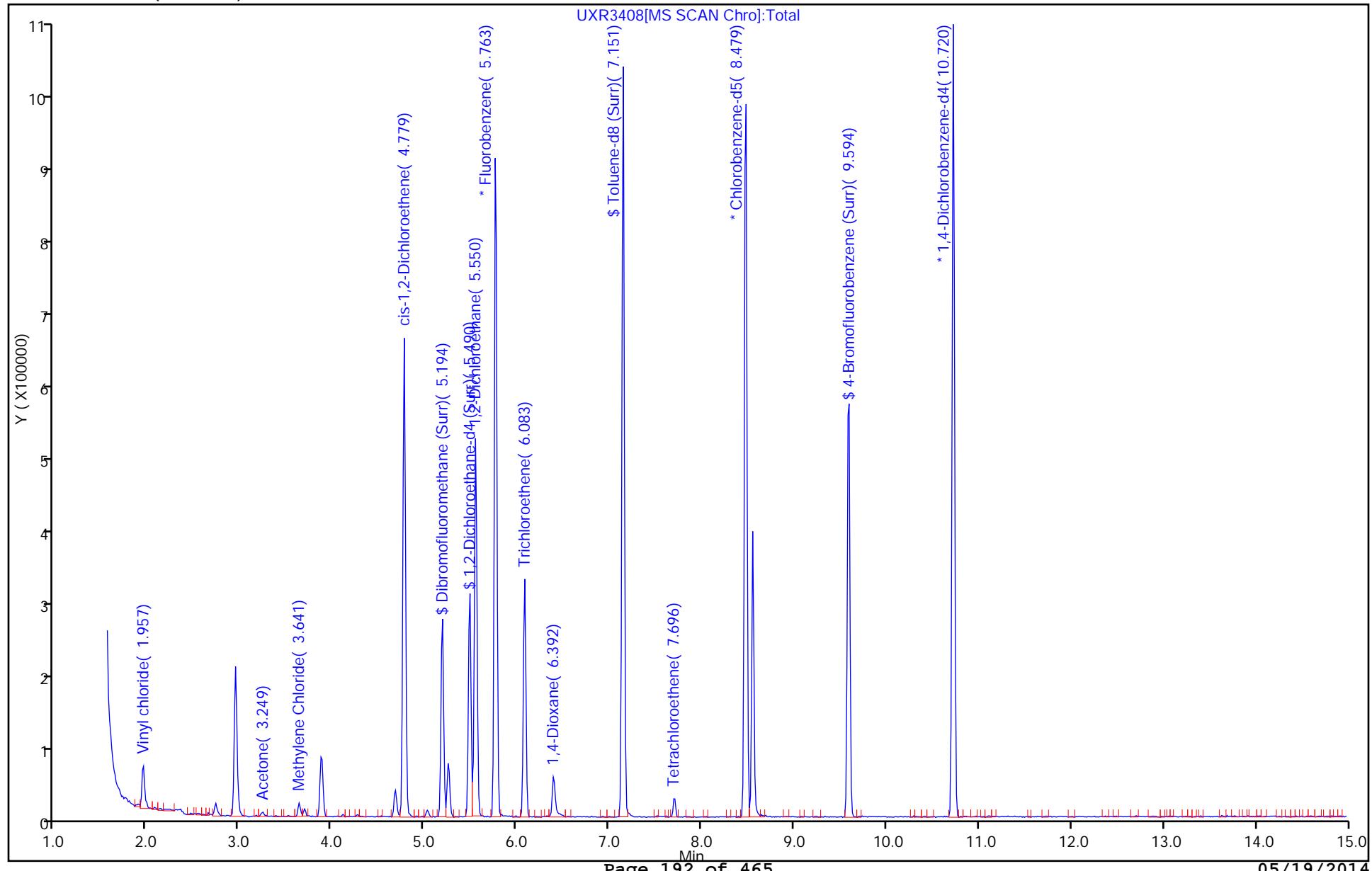
First Level Reviewer: williamsla Date: 16-May-2014 08:44:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	837010	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	83	645392	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	95	340160	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	58	166296	8.75	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.490	5.491	-0.001	0	213543	8.85	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	721584	8.16	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	89	240004	7.57	
9 Dichlorodifluoromethane	85		1.648					
10 Chloromethane	50		1.838					
11 Vinyl chloride	62	1.957	1.957	0.000	89	67654	2.12	
12 Bromomethane	94		2.324					
13 Chloroethane	64		2.431					
15 Trichlorofluoromethane	101		2.668					
18 Acrolein	56		3.095					
19 1,1-Dichloroethene	96		3.178					
21 Acetone	43	3.249	3.237	0.012	62	8189	0.5535	
22 Iodomethane	142		3.332					
23 Carbon disulfide	76		3.392					
24 Acetonitrile	41		3.510					
25 3-Chloro-1-propene	76		3.522					
27 Methylene Chloride	84	3.641	3.641	0.000	64	9790	0.3755	
29 Acrylonitrile	53		3.878					
31 trans-1,2-Dichloroethene	96		3.890					
33 1,1-Dichloroethane	63		4.269					
34 Vinyl acetate	43		4.305					
36 2-Chloro-1,3-butadiene	53		4.340					
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	67	311972	12.0	
40 2-Butanone (MEK)	43		4.791					
42 Propionitrile	54		4.850					
43 Methacrylonitrile	41		4.981					
46 Chloroform	83		5.052					
47 1,1,1-Trichloroethane	97		5.218					

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
50 Carbon tetrachloride	117		5.360					
51 Isobutyl alcohol	41		5.431					
52 Benzene	78		5.538					
53 1,2-Dichloroethane	62	5.550	5.550	0.000	91	412308	14.2	
57 Trichloroethene	130	6.083	6.083	0.000	94	114724	4.66	
60 1,2-Dichloropropane	63		6.285					
61 Methyl methacrylate	41		6.356					
63 1,4-Dioxane	88	6.392	6.392	0.000	92	49944	247.5	
62 Dibromomethane	93		6.392					
64 Dichlorobromomethane	83		6.522					
67 cis-1,3-Dichloropropene	75		6.902					
68 4-Methyl-2-pentanone (MIBK)	43		7.032					
69 Toluene	91		7.210					
70 trans-1,3-Dichloropropene	75		7.400					
71 Ethyl methacrylate	69		7.459					
72 1,1,2-Trichloroethane	97		7.566					
73 Tetrachloroethene	164	7.708	7.708	0.000	71	6877	0.3430	
76 2-Hexanone	43		7.779					
78 Chlorodibromomethane	129		7.945					
79 Ethylene Dibromide	107		8.052					
81 Chlorobenzene	112		8.503					
82 1,1,1,2-Tetrachloroethane	131		8.574					
83 Ethylbenzene	106		8.586					
84 m-Xylene & p-Xylene	106		8.692					
85 o-Xylene	106		9.084					
86 Styrene	104		9.096					
87 Bromoform	173		9.285					
91 1,1,2,2-Tetrachloroethane	83		9.712					
93 trans-1,4-Dichloro-2-butene	53		9.771					
94 1,2,3-Trichloropropane	110		9.771					
111 1,2-Dibromo-3-Chloropropan	157		11.906					
S 128 1,2-Dichloroethene, Total	96			0			12.0	
S 130 Xylenes, Total	106		16.530					

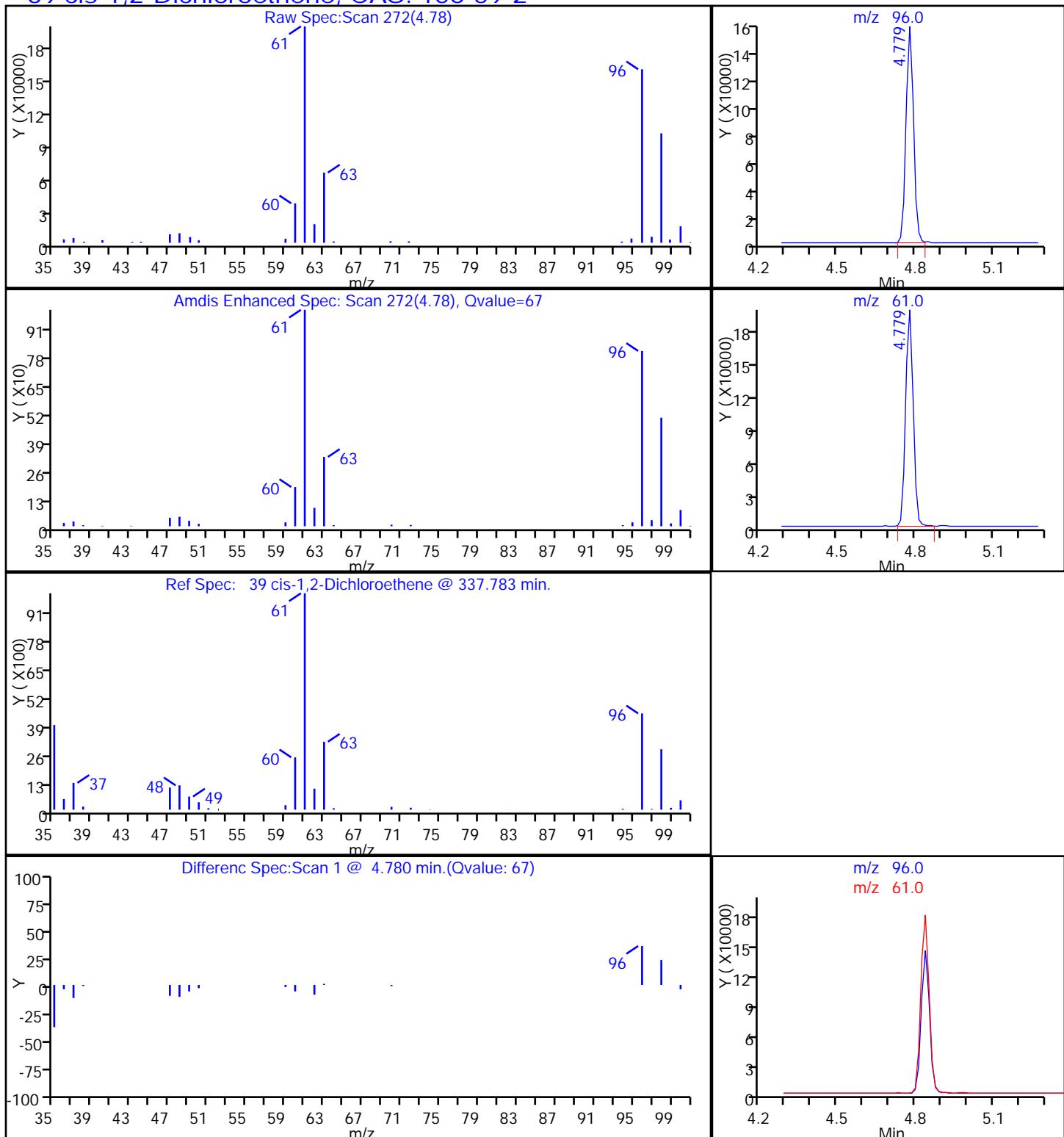
TestAmerica Canton

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Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5 Worklist Smp#: 24
Client ID: MW031D/050614
Purge Vol: 5.000 mL Dil. Factor: 6.6700 ALS Bottle#: 23
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton

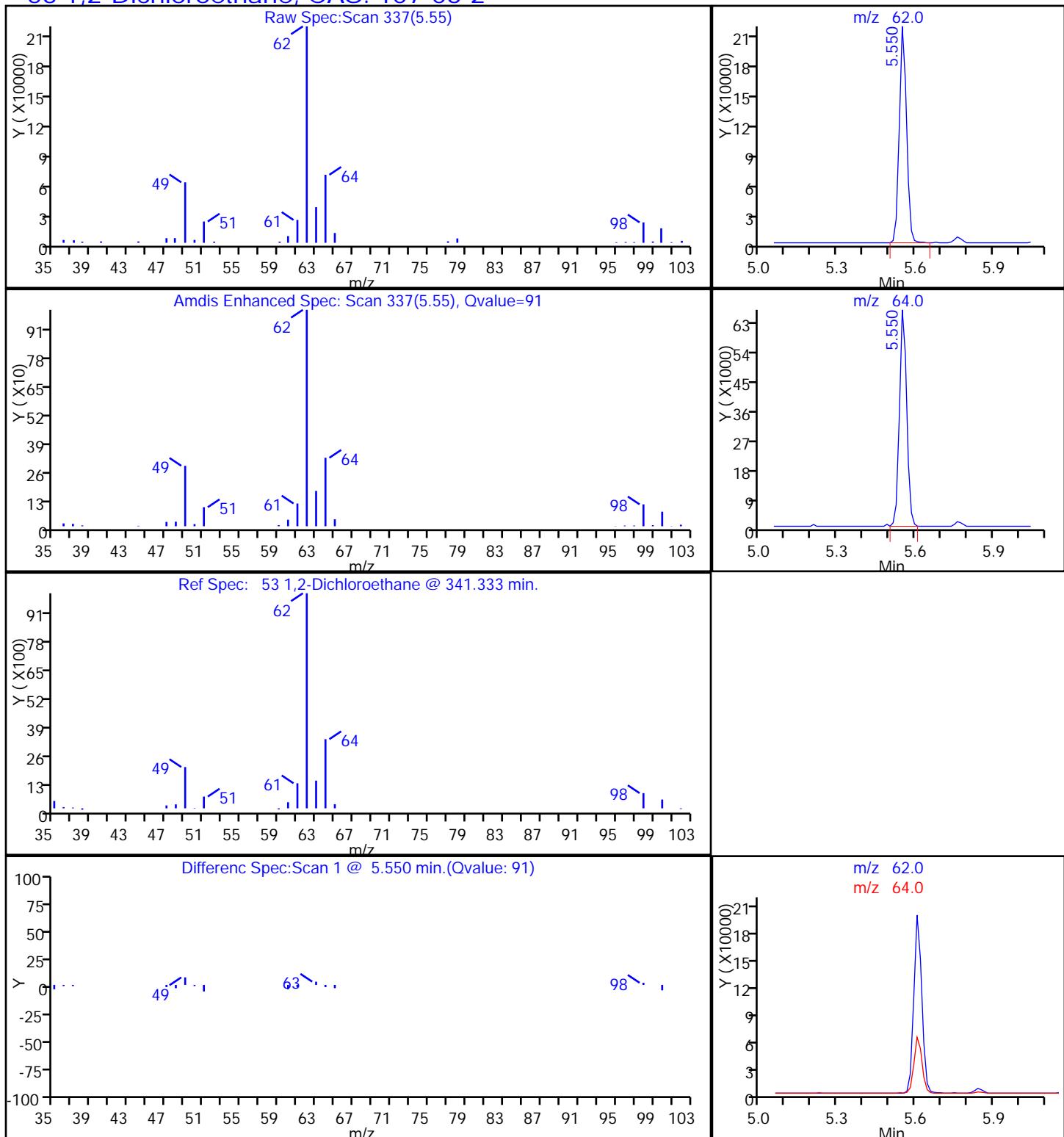
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 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

39 cis-1,2-Dichloroethene, CAS: 156-59-2

TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3408.D
 Injection Date: 15-May-2014 20:05:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

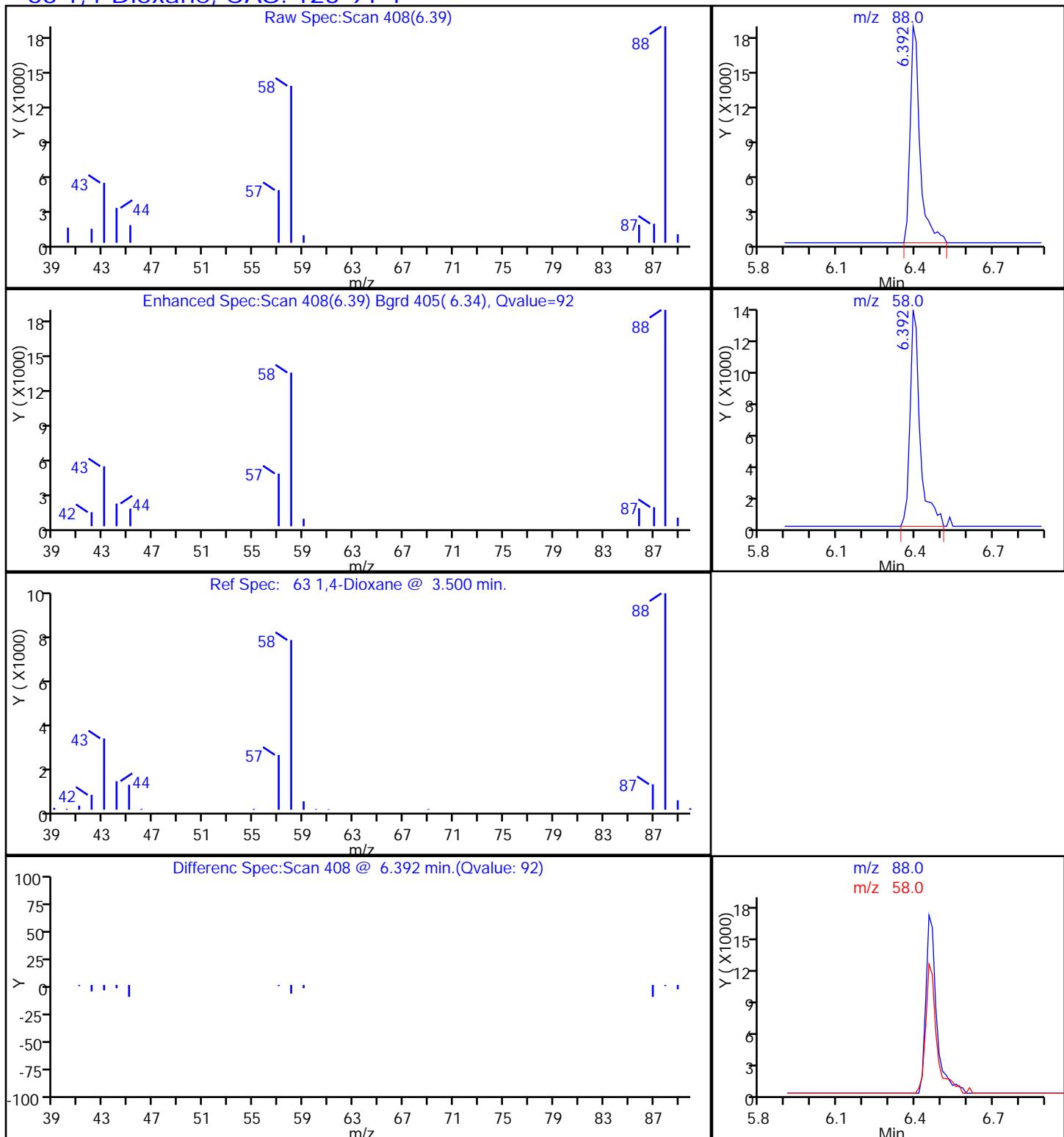
53 1,2-Dichloroethane, CAS: 107-06-2



TestAmerica Canton

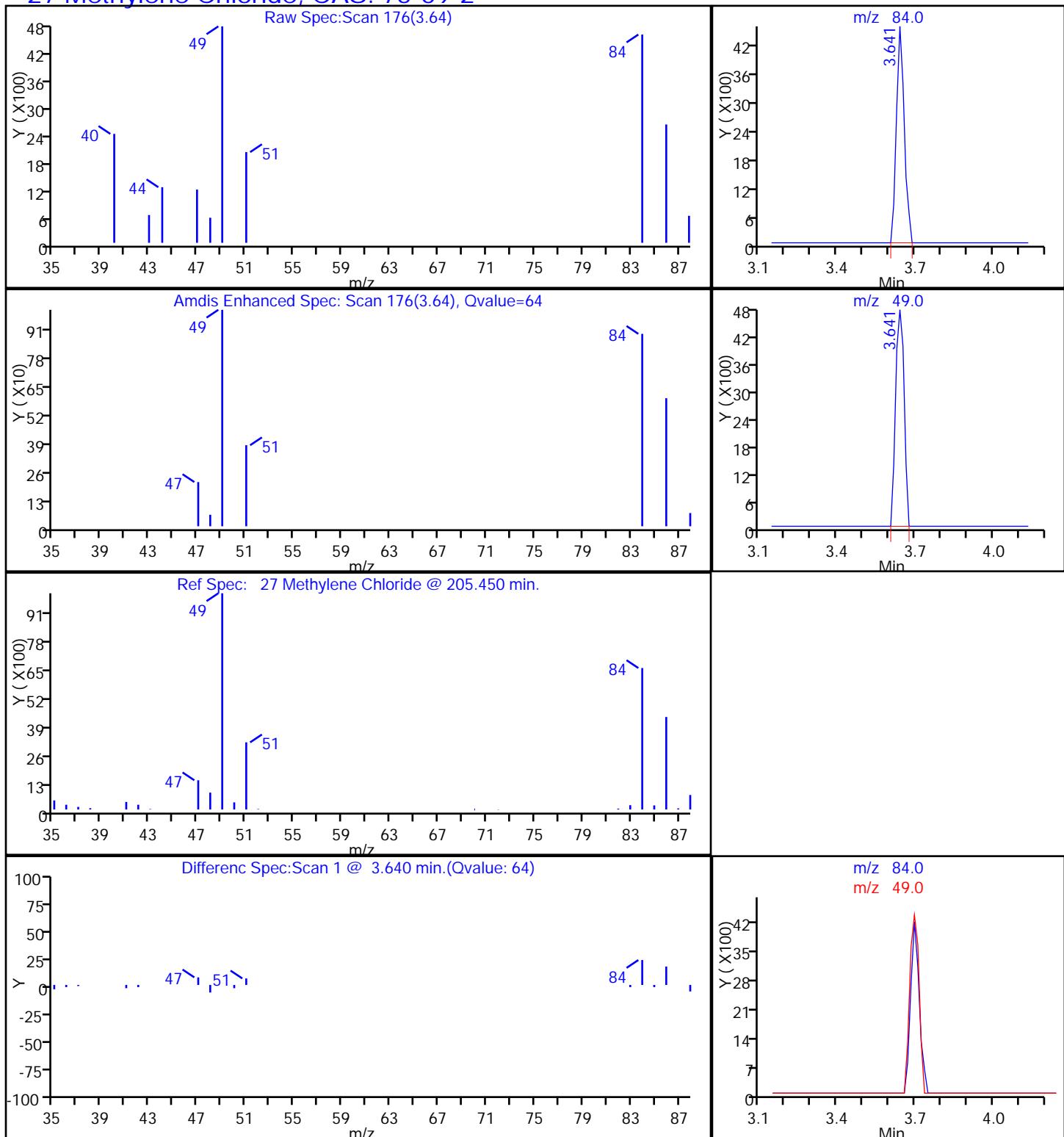
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 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

63 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton
 Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3408.D
 Injection Date: 15-May-2014 20:05:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

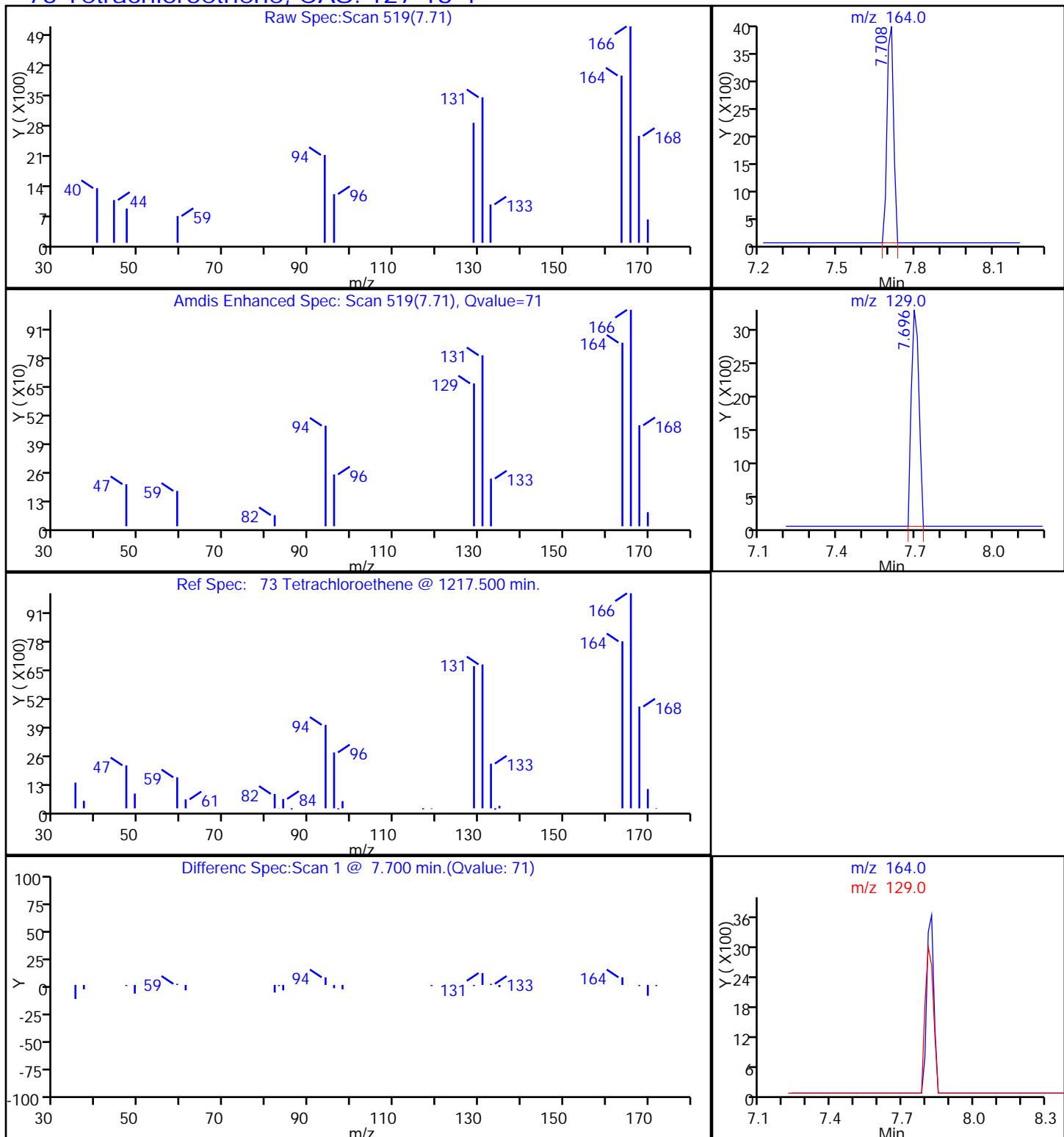
27 Methylene Chloride, CAS: 75-09-2



TestAmerica Canton

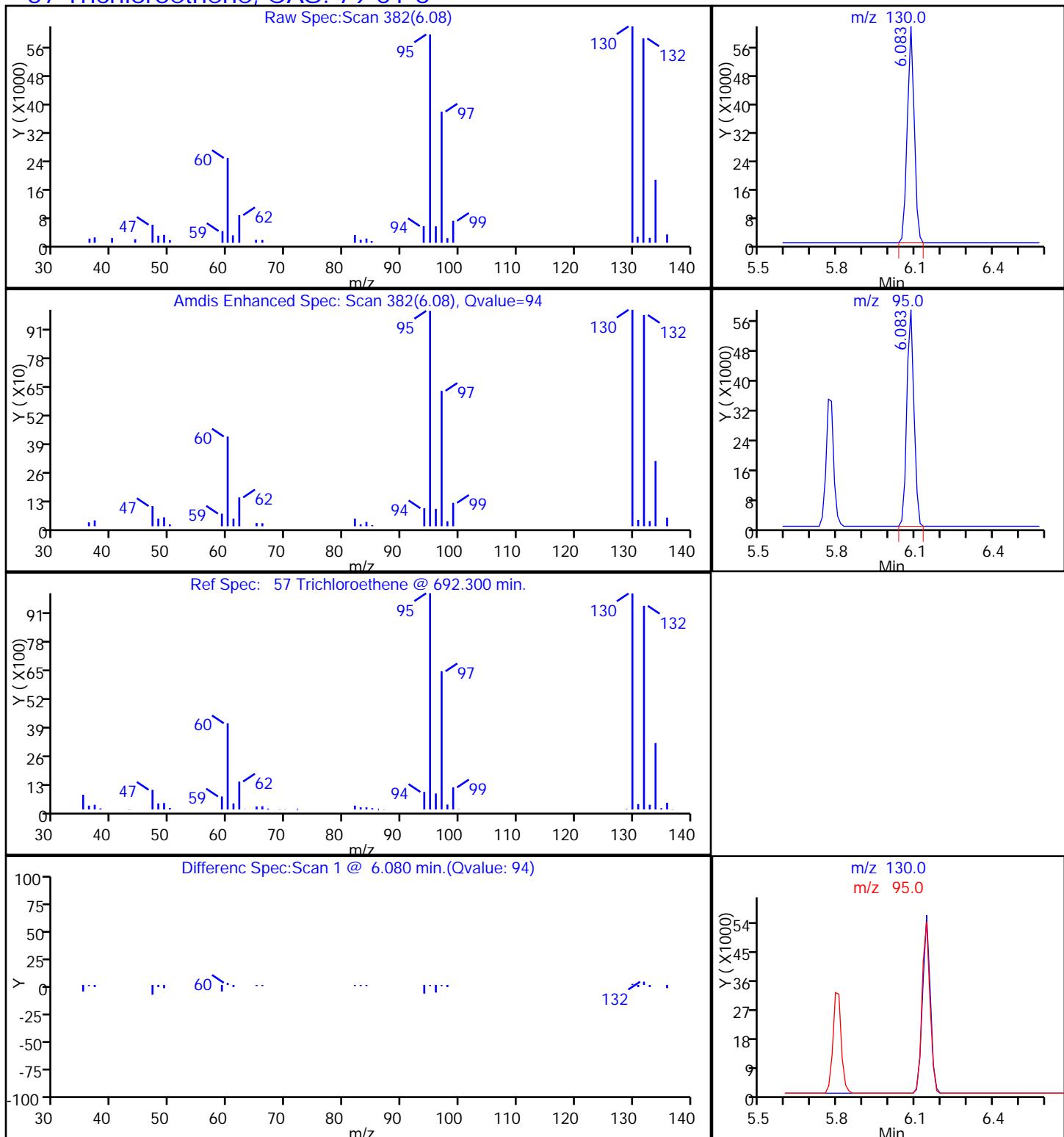
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 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

73 Tetrachloroethene, CAS: 127-18-4



TestAmerica Canton

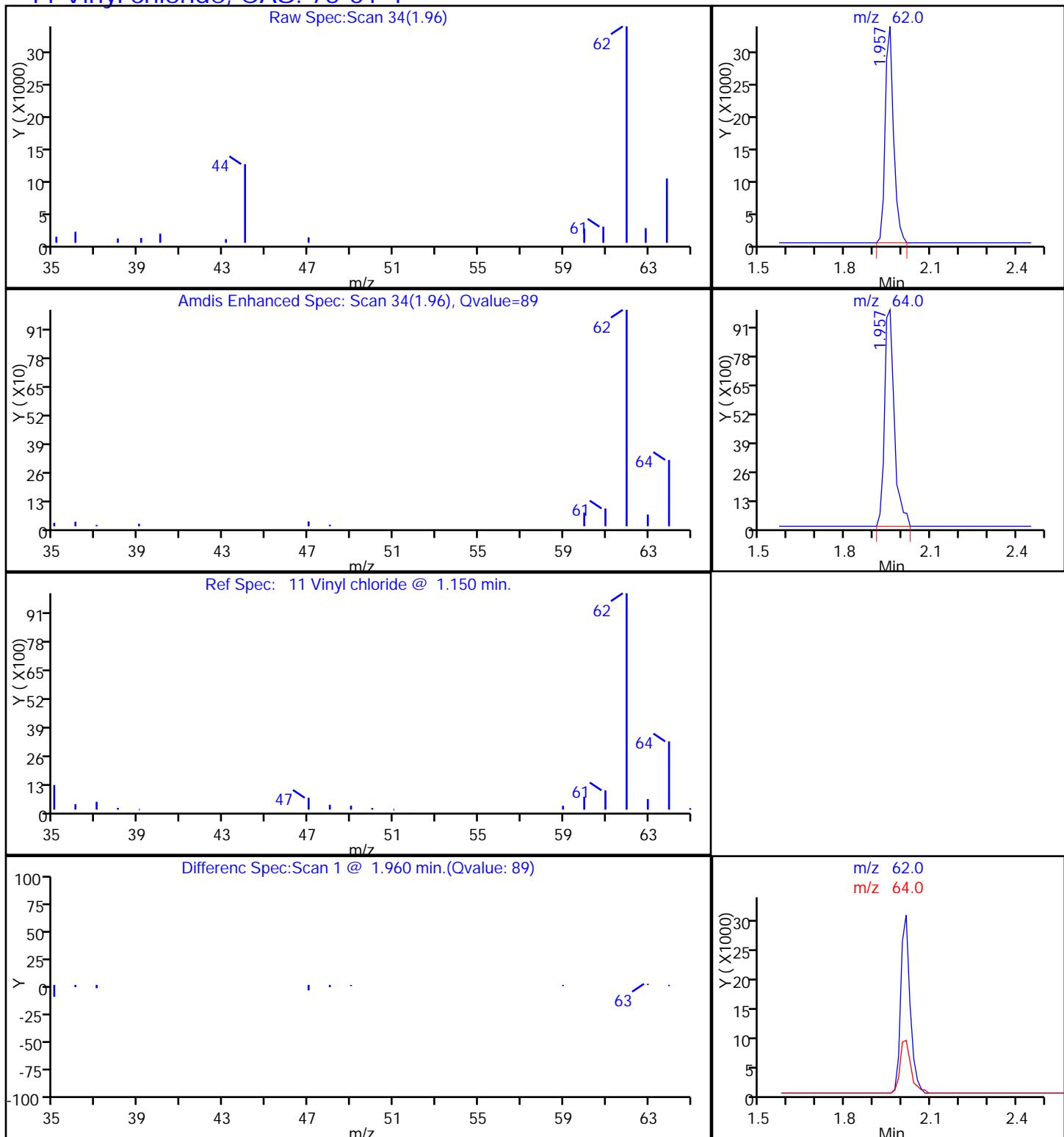
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 Injection Date: 15-May-2014 20:05:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

57 Trichloroethene, CAS: 79-01-6

TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3408.D
 Injection Date: 15-May-2014 20:05:30 Instrument ID: A3UX17
 Lims ID: 240-36937-B-5 Lab Sample ID: 240-36937-5
 Client ID: MW031D/050614
 Operator ID: 1644 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 6.6700
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

11 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Client Sample ID: MW041/050614 Lab Sample ID: 240-36937-6

Matrix: Water Lab File ID: UXJ8341.D

Analysis Method: 8260B Date Collected: 05/06/2014 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	0.80	J	10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW041/050614 Lab Sample ID: 240-36937-6
Matrix: Water Lab File ID: UXJ8341.D
Analysis Method: 8260B Date Collected: 05/06/2014 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:12
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	0.16	J	1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	79		66-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		63-129
2037-26-5	Toluene-d8 (Surr)	85		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8341.D
 Lims ID: 240-36937-B-6 Lab Sample ID: 240-36937-6
 Client ID: MW041/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 00:12:30 ALS Bottle#: 37 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-007
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:47:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1185485	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	85	694054	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	214833	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.816	4.816	0.000	97	278887	8.23	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	92	323170	6.87	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	94	970738	7.11	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	208141	6.57	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43	2.993	2.993	0.000	84	25756	0.2793	
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43	4.425	4.425	0.000	69	10418	0.7990	
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

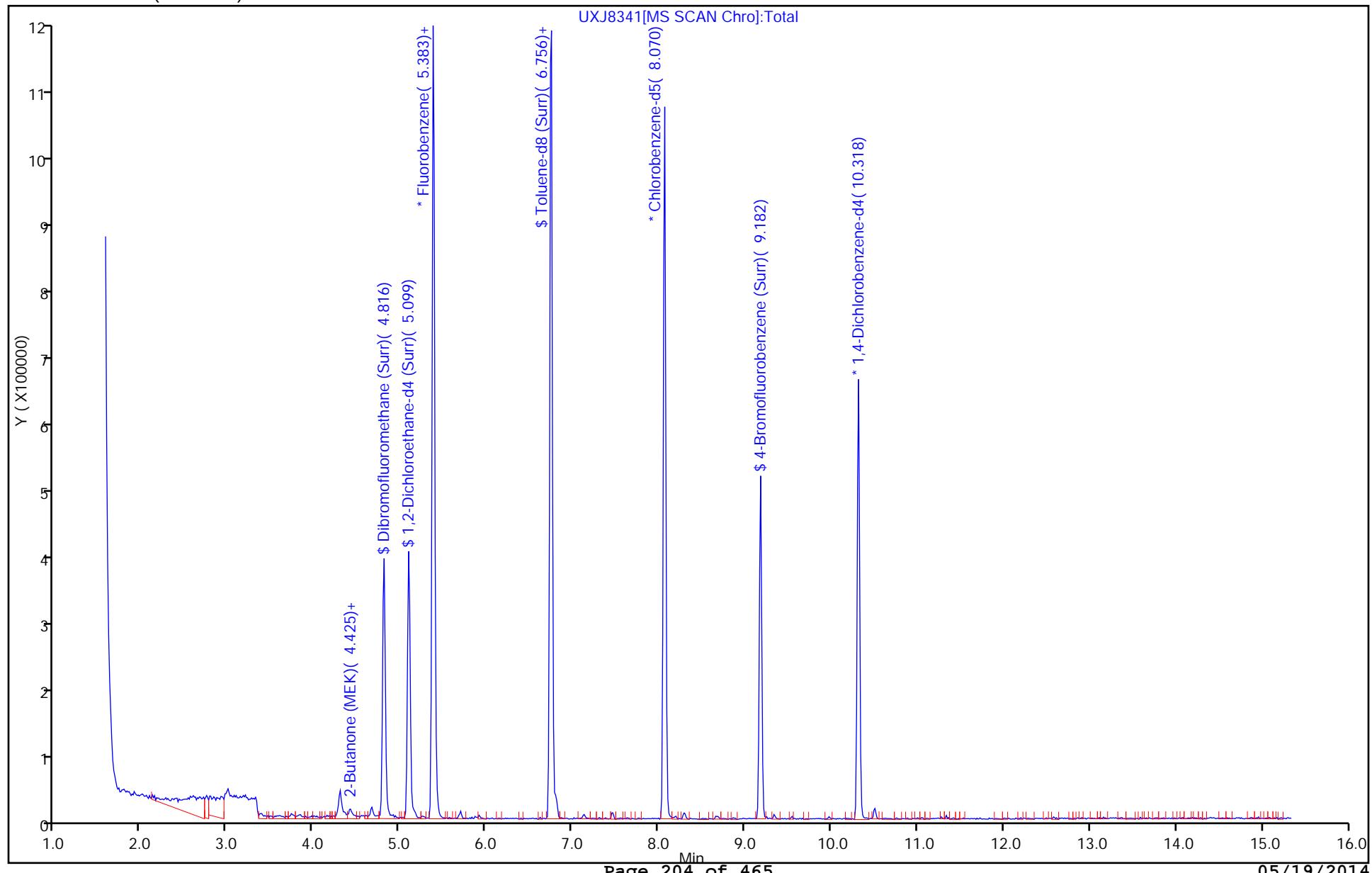
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91	6.803	6.815	-0.012	66	25220	0.1588	
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:32

Chrom Revision: 2.2 14-Apr-2014 13:40:08

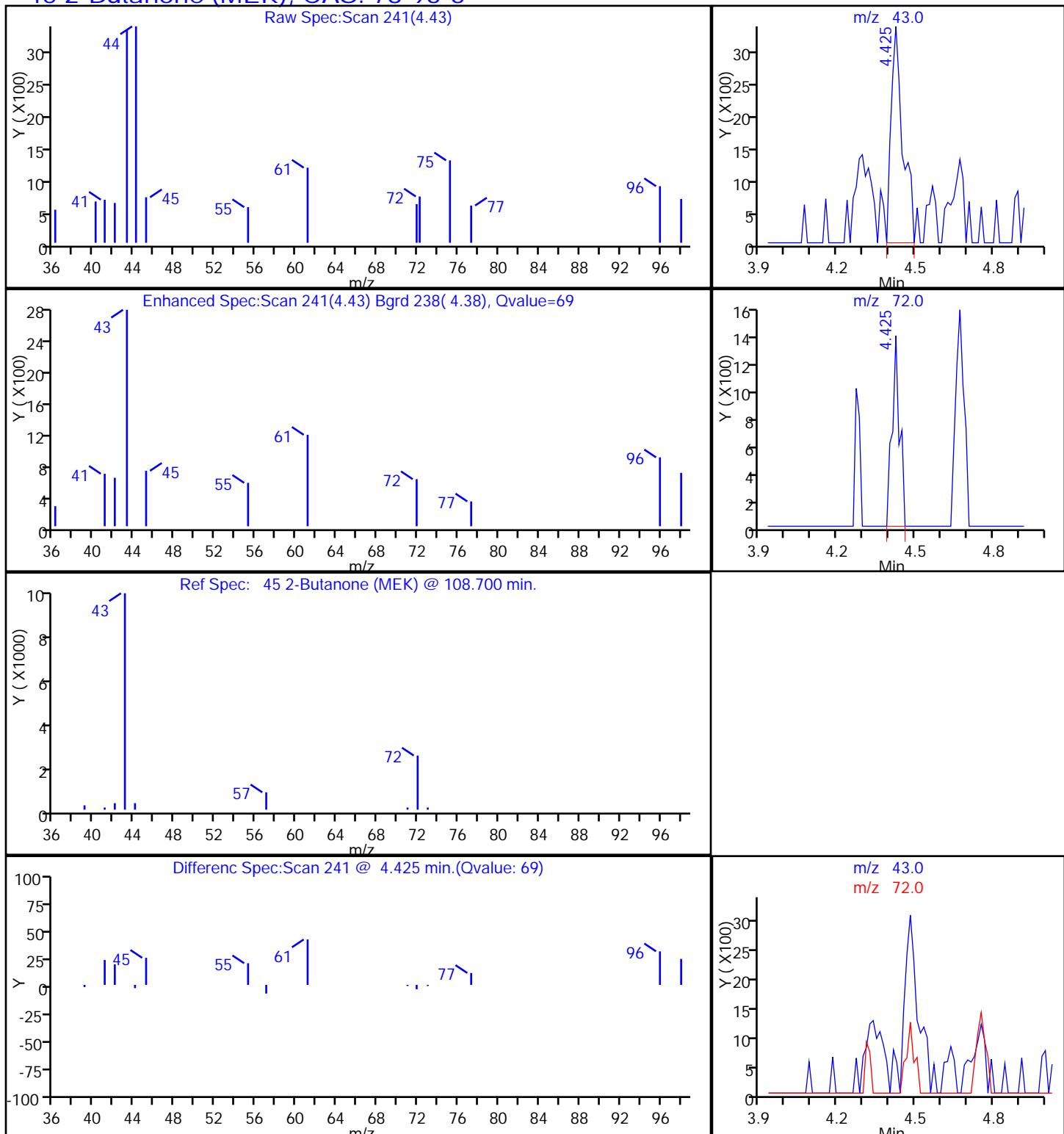
TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8341.D
Injection Date: 15-May-2014 00:12:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: 240-36937-B-6 Lab Sample ID: 240-36937-6 Worklist Smp#: 7
Client ID: MW041/050614
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 37
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8341.D
 Injection Date: 15-May-2014 00:12:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-6 Lab Sample ID: 240-36937-6
 Client ID: MW041/050614
 Operator ID: 43582 ALS Bottle#: 37 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

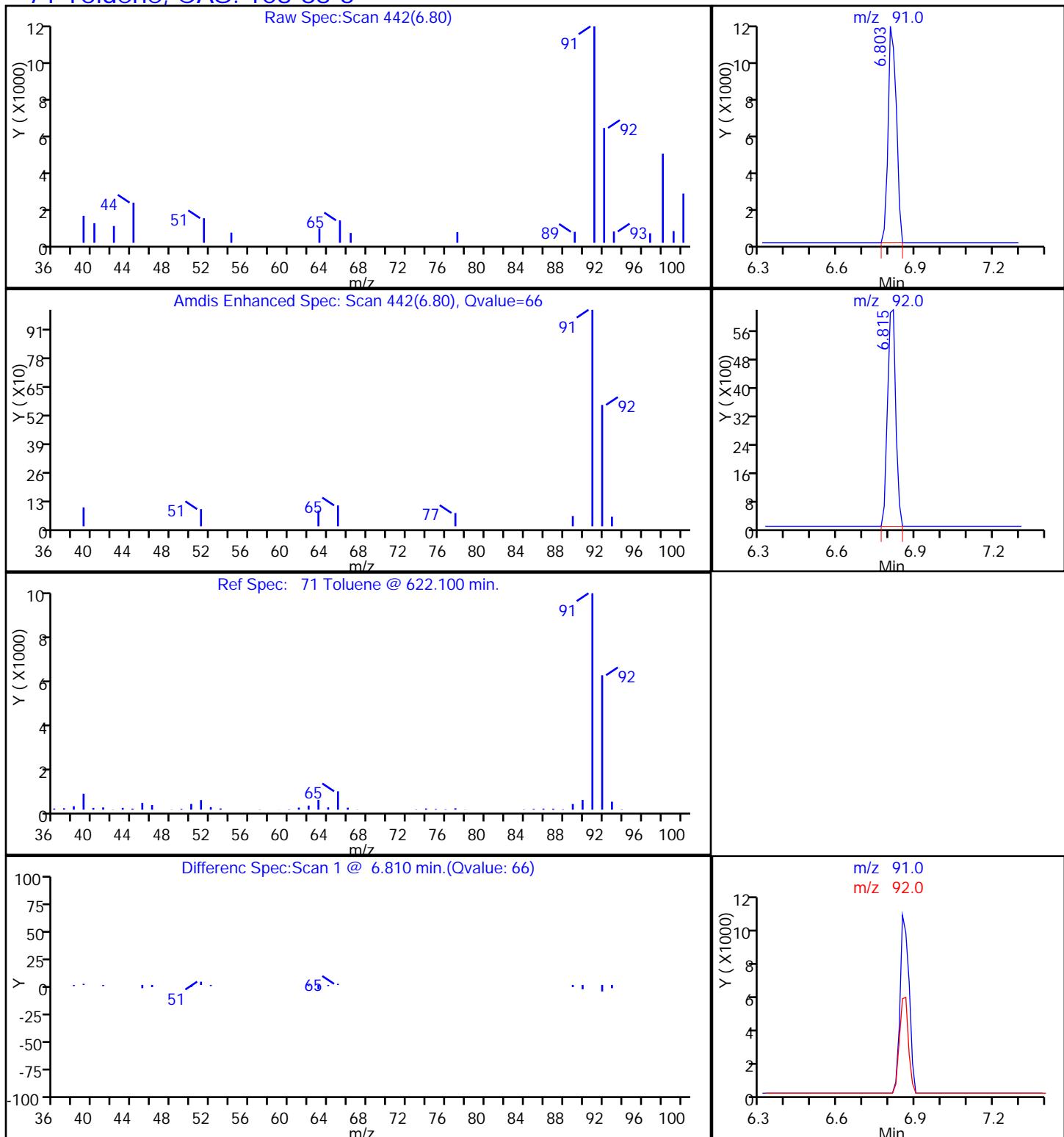
45 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8341.D
 Injection Date: 15-May-2014 00:12:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-6 Lab Sample ID: 240-36937-6
 Client ID: MW041/050614
 Operator ID: 43582 ALS Bottle#: 37 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

71 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: MW001R/050614 Lab Sample ID: 240-36937-7
Matrix: Water Lab File ID: UXJ8342.D
Analysis Method: 8260B Date Collected: 05/06/2014 13:40
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:35
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW001R/050614 Lab Sample ID: 240-36937-7
Matrix: Water Lab File ID: UXJ8342.D
Analysis Method: 8260B Date Collected: 05/06/2014 13:40
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:35
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	79		66-120
1868-53-7	Dibromofluoromethane (Surr)	88		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		63-129
2037-26-5	Toluene-d8 (Surr)	88		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8342.D
 Lims ID: 240-36937-B-7 Lab Sample ID: 240-36937-7
 Client ID: MW001R/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 00:35:30 ALS Bottle#: 38 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-008
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:48:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1307334	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	85	683560	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.317	10.318	-0.001	96	214316	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	97	273120	7.31	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	92	346840	6.69	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	991187	7.37	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	204730	6.56	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

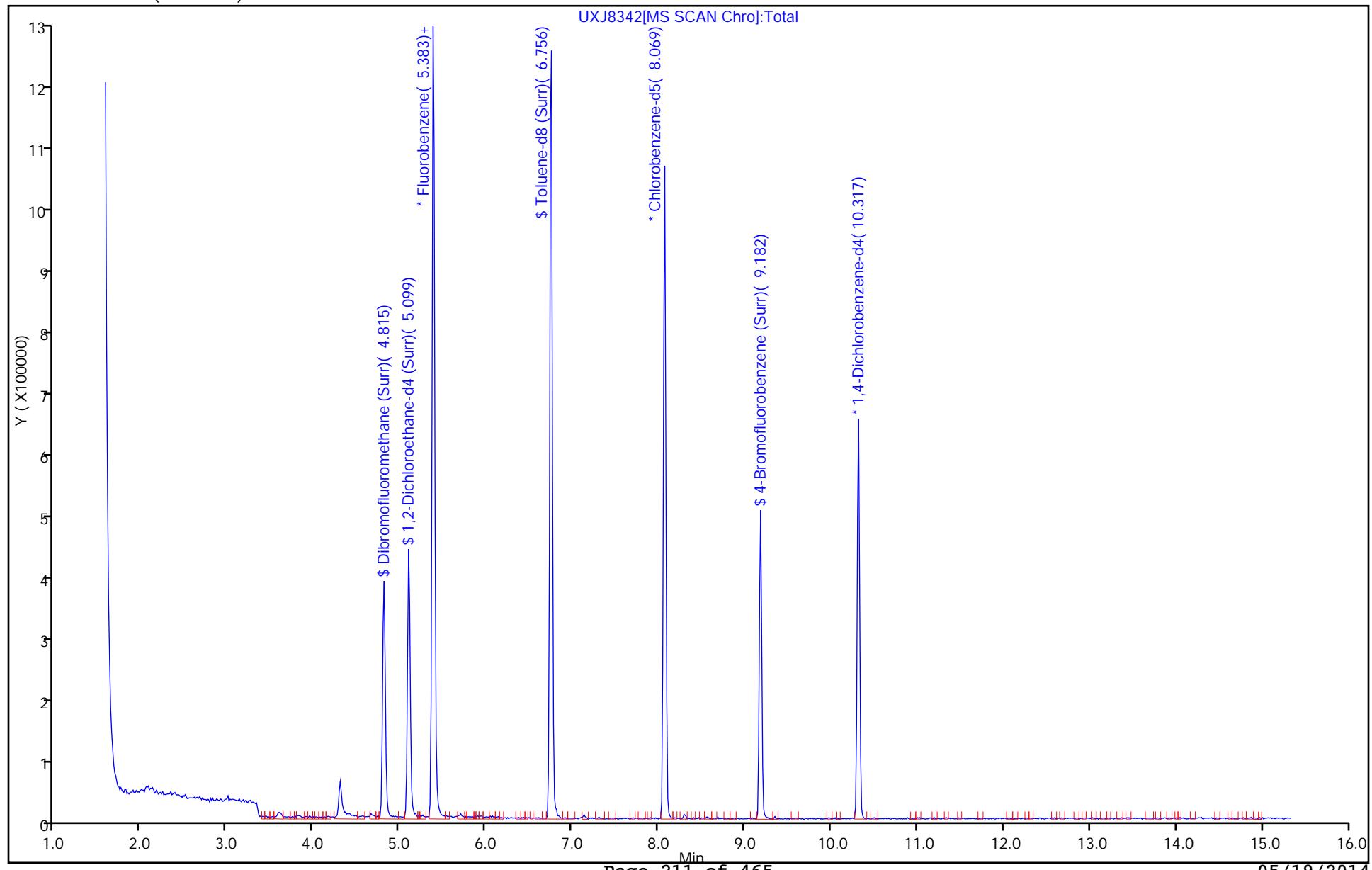
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:33

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File:	\INcchrom\ChromData\A3UX11\20140514-31011.b\UXJ8342.D	Instrument ID:	A3UX11	Operator ID:	43582
Injection Date:	15-May-2014 00:35:30	Lab Sample ID:	240-36937-7	Worklist Smp#:	8
Lims ID:	240-36937-B-7	Dil. Factor:	1.0000	ALS Bottle#:	38
Client ID:	MW001R/050614	Limit Group:	MSV 8260B ICAL		
Purge Vol:	5.000 mL				
Method:	8260_11				
Column:	DB-624 (0.18 mm)				



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: MW001AR/050614 Lab Sample ID: 240-36937-8
Matrix: Water Lab File ID: UXJ8252.D
Analysis Method: 8260B Date Collected: 05/06/2014 14:50
Sample wt/vol: 5 (mL) Date Analyzed: 05/13/2014 00:42
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	0.78	J	10	0.57
75-15-0	Carbon disulfide	0.14	J	1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW001AR/050614 Lab Sample ID: 240-36937-8
Matrix: Water Lab File ID: UXJ8252.D
Analysis Method: 8260B Date Collected: 05/06/2014 14:50
Sample wt/vol: 5 (mL) Date Analyzed: 05/13/2014 00:42
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	88		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		63-129
2037-26-5	Toluene-d8 (Surr)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8252.D
 Lims ID: 240-36937-B-8 Lab Sample ID: 240-36937-8
 Client ID: MW001AR/050614
 Sample Type: Client
 Inject. Date: 13-May-2014 00:42:30 ALS Bottle#: 37 Worklist Smp#: 31
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-031
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle Date: 13-May-2014 09:51:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1252704	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	85	688460	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	93	210674	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	95	263519	7.36	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	95	349402	7.03	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.744	0.012	94	972253	7.18	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	219088	6.97	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.916					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.319					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.863					
22 Acetone	43		2.993					
20 1,1-Dichloroethene	96		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76	3.182	3.182	0.000	67	8749	0.1449	
27 Acetonitrile	41		3.218					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.360					
31 Acrylonitrile	53		3.549					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.940					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
40 cis-1,2-Dichloroethene	96		4.425					
45 2-Butanone (MEK)	43	4.425	4.425	0.000	64	10782	0.7825	
43 Propionitrile	54		4.460					
48 Methacrylonitrile	41		4.602					
47 Chloroform	83		4.673					

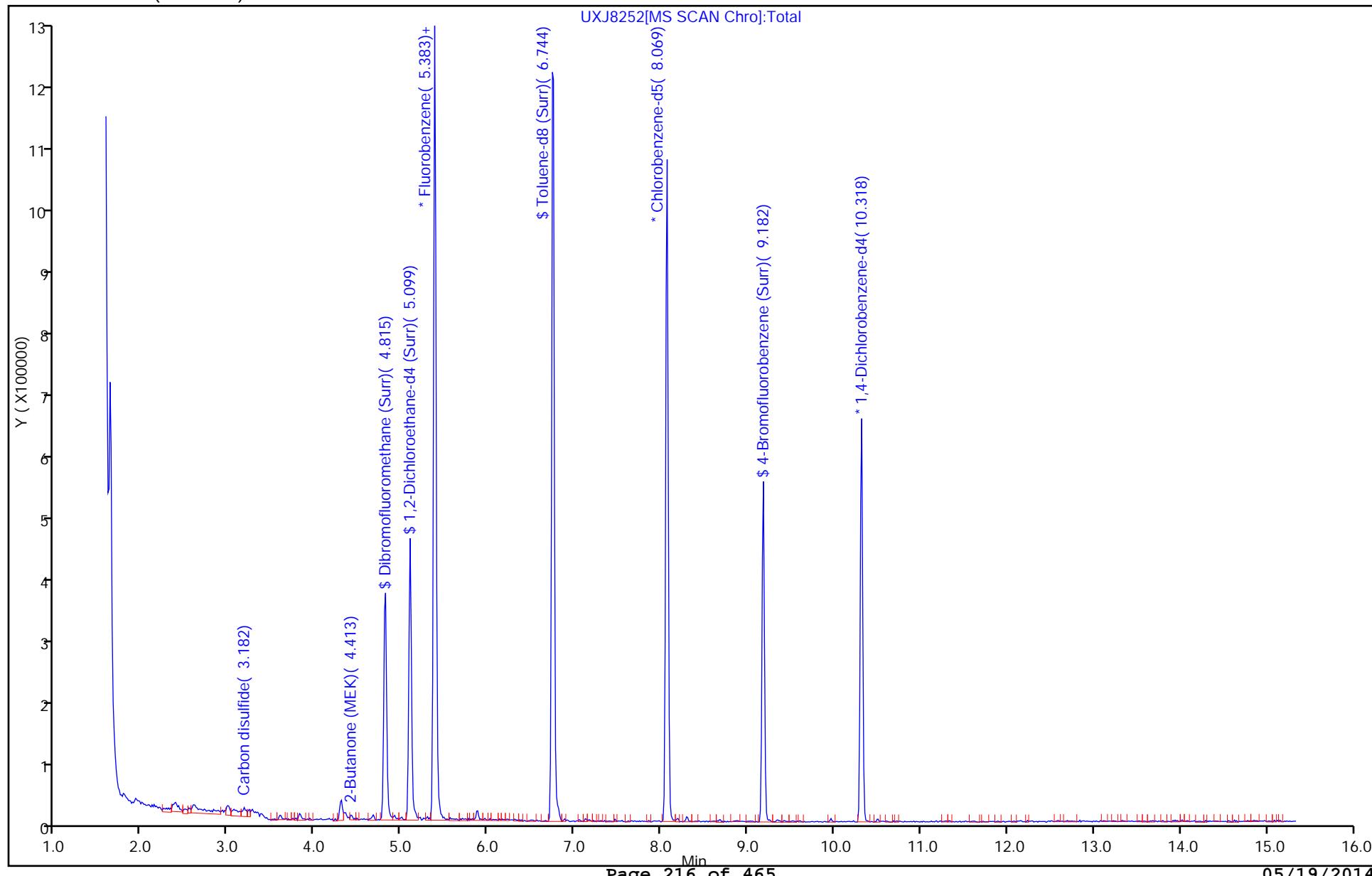
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.159					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.987					
66 Dichlorobromomethane	83		6.105					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
87 Styrene	104		8.685					
88 o-Xylene	106		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
97 trans-1,4-Dichloro-2-butene	53		9.347					
95 1,2,3-Trichloropropane	110		9.347					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 13-May-2014 10:51:00

Chrom Revision: 2.2 14-Apr-2014 13:40:08

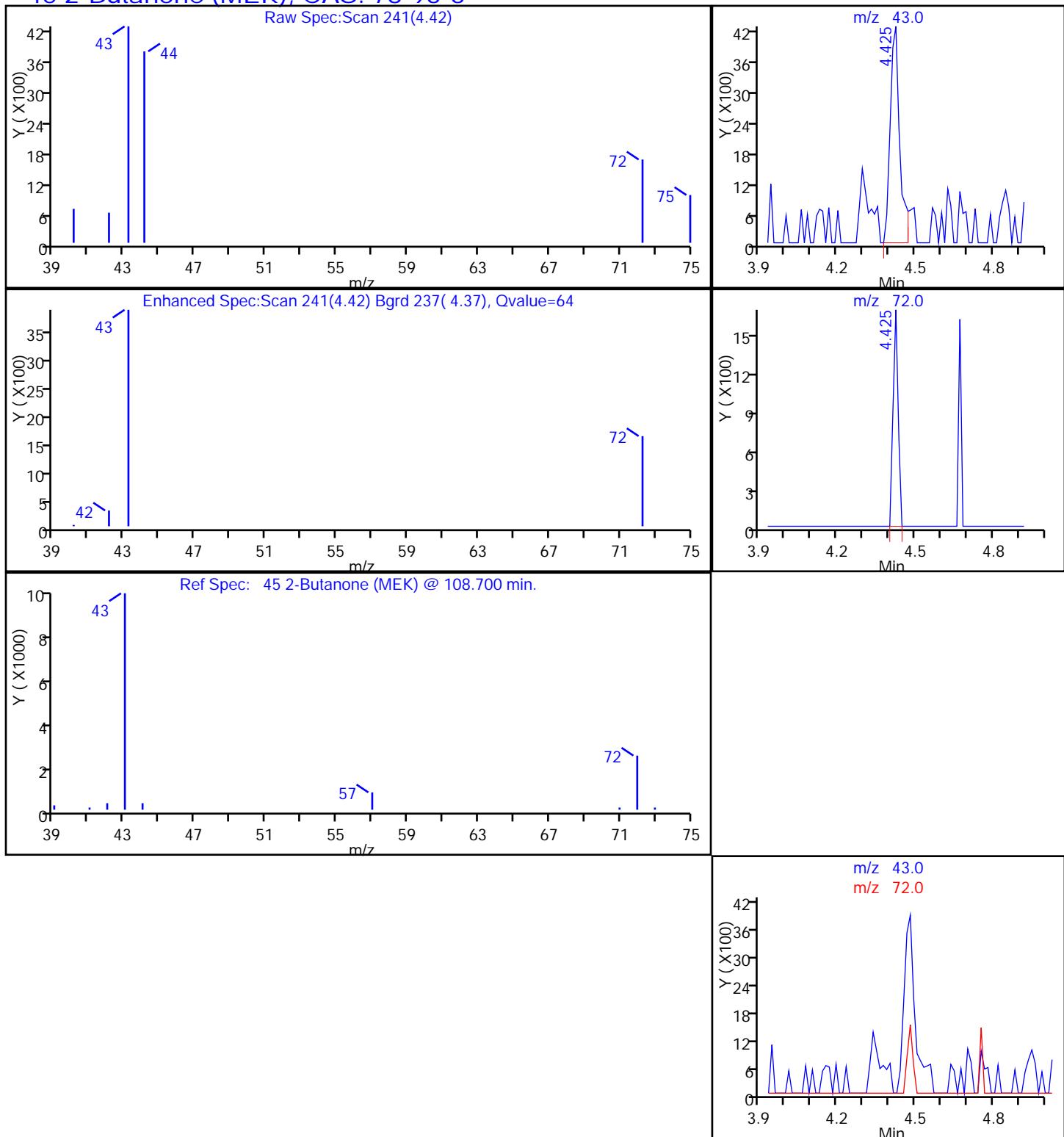
TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8252.D
Injection Date: 13-May-2014 00:42:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: 240-36937-B-8 Lab Sample ID: 240-36937-8 Worklist Smp#: 31
Client ID: MW001AR/050614
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 37
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



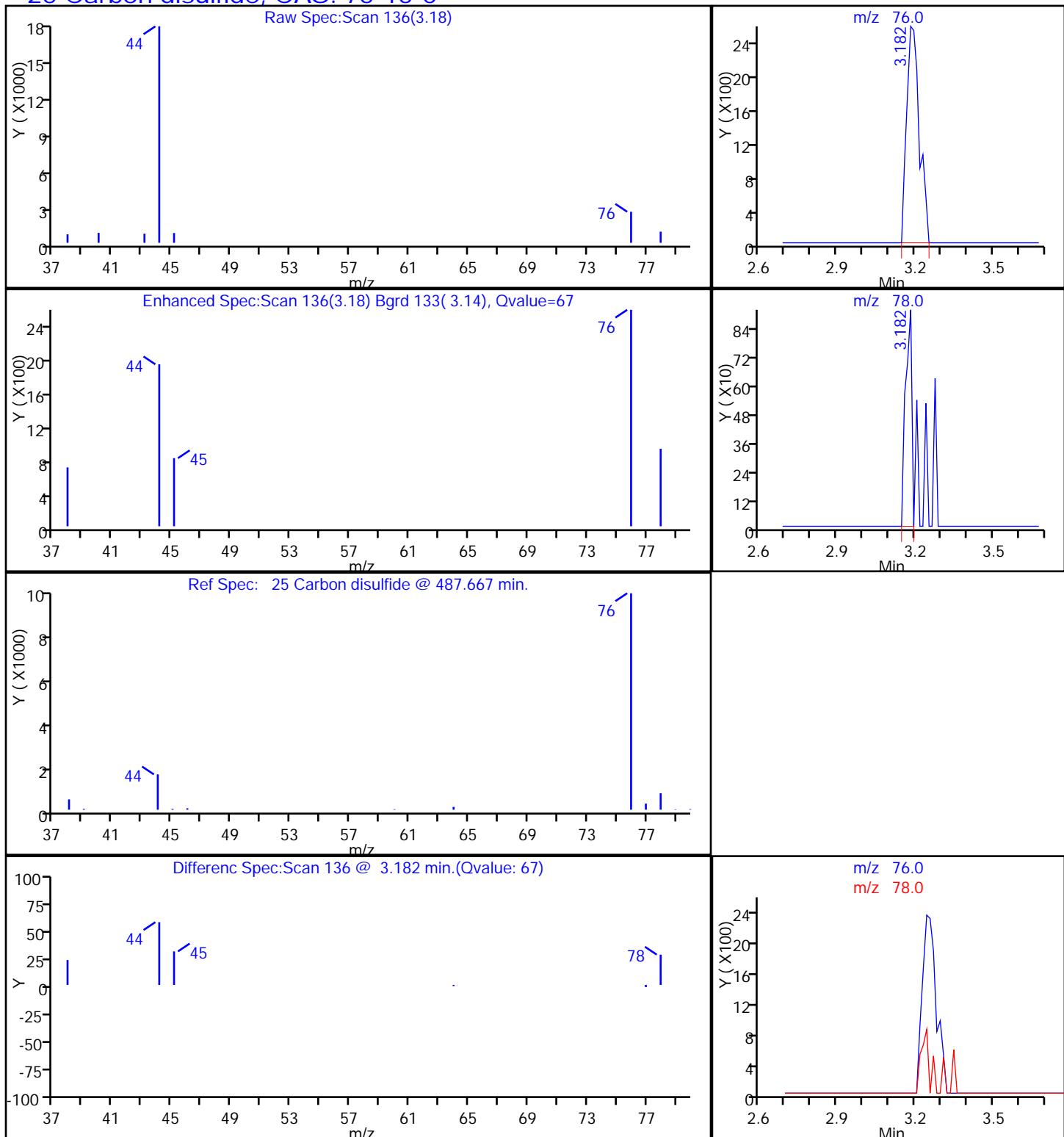
TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8252.D
 Injection Date: 13-May-2014 00:42:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-8 Lab Sample ID: 240-36937-8
 Client ID: MW001AR/050614
 Operator ID: 43582 ALS Bottle#: 37 Worklist Smp#: 31
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

45 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8252.D
 Injection Date: 13-May-2014 00:42:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-8 Lab Sample ID: 240-36937-8
 Client ID: MW001AR/050614
 Operator ID: 43582 ALS Bottle#: 37 Worklist Smp#: 31
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

25 Carbon disulfide, CAS: 75-15-0



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Client Sample ID: MW021A/050614 Lab Sample ID: 240-36937-9

Matrix: Water Lab File ID: UXJ8343.D

Analysis Method: 8260B Date Collected: 05/06/2014 10:15

Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:58

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	1.1	J	10	0.57
75-15-0	Carbon disulfide	0.43	J	1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW021A/050614 Lab Sample ID: 240-36937-9
Matrix: Water Lab File ID: UXJ8343.D
Analysis Method: 8260B Date Collected: 05/06/2014 10:15
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 00:58
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	76		66-120
1868-53-7	Dibromofluoromethane (Surr)	86		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		63-129
2037-26-5	Toluene-d8 (Surr)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8343.D
 Lims ID: 240-36937-B-9 Lab Sample ID: 240-36937-9
 Client ID: MW021A/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 00:58:30 ALS Bottle#: 39 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-009
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:48:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1330942	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	82	694560	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	210857	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	96	273327	7.18	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	96	345542	6.55	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	980449	7.17	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	199881	6.31	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43	2.993	2.993	0.000	88	27409	0.1161	
24 Iodomethane	142		3.135					
25 Carbon disulfide	76	3.194	3.194	0.000	92	27549	0.4294	
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43	4.425	4.425	0.000	91	16205	1.11	
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

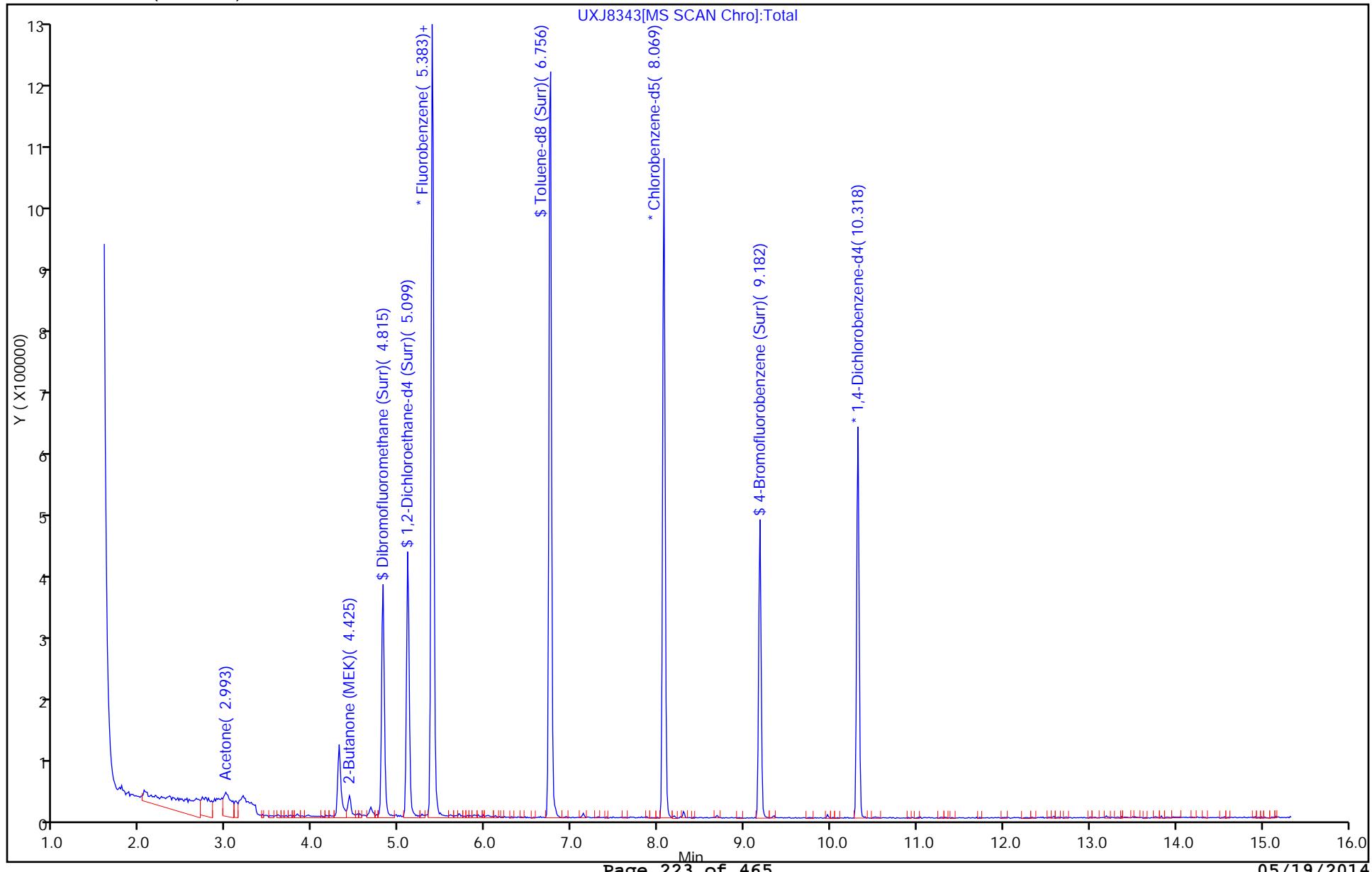
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88		5.999					
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:34

Chrom Revision: 2.2 14-Apr-2014 13:40:08

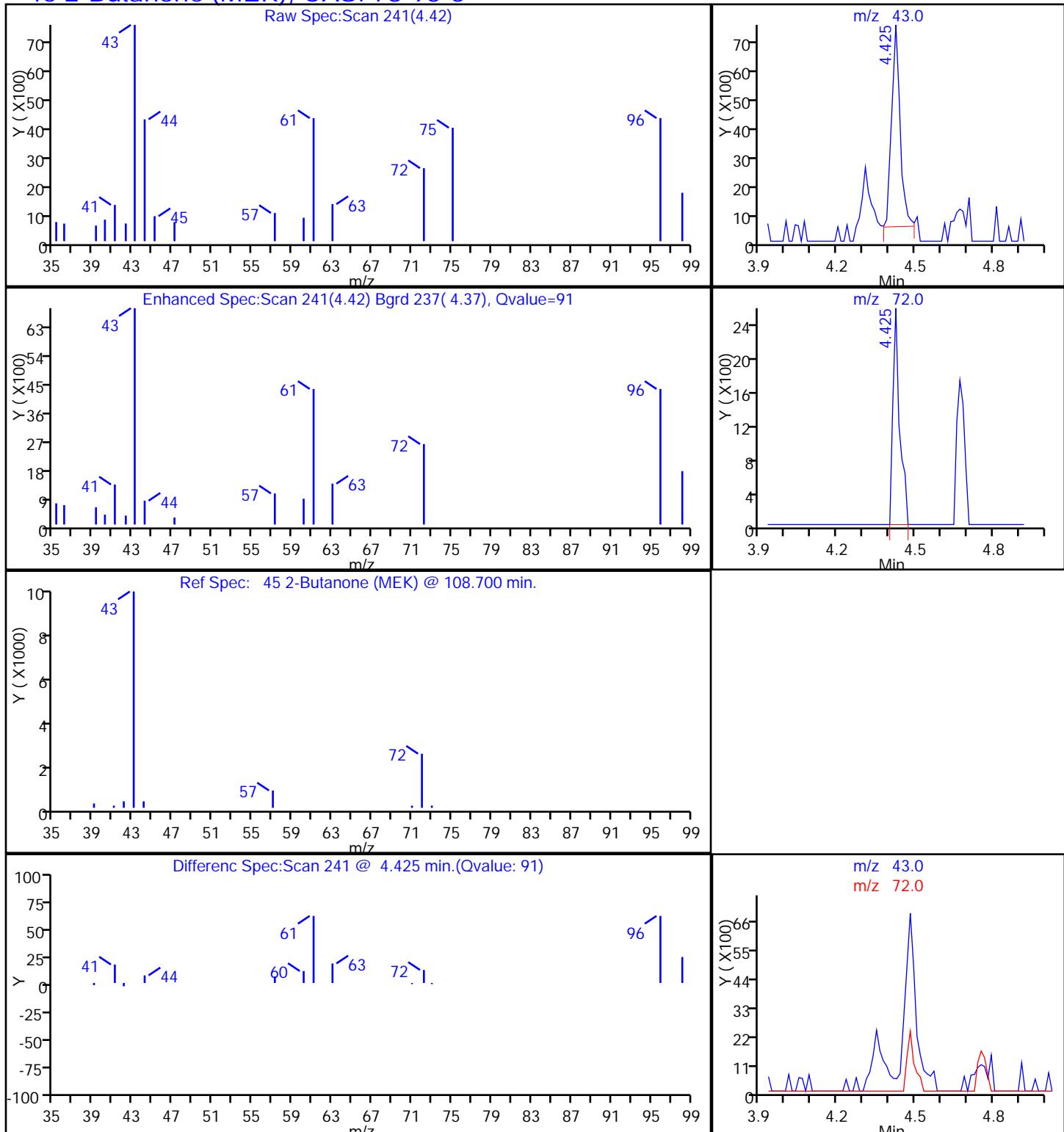
TestAmerica Canton

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Injection Date: 15-May-2014 00:58:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: 240-36937-B-9 Lab Sample ID: 240-36937-9 Worklist Smp#: 9
Client ID: MW021A/050614
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 39
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



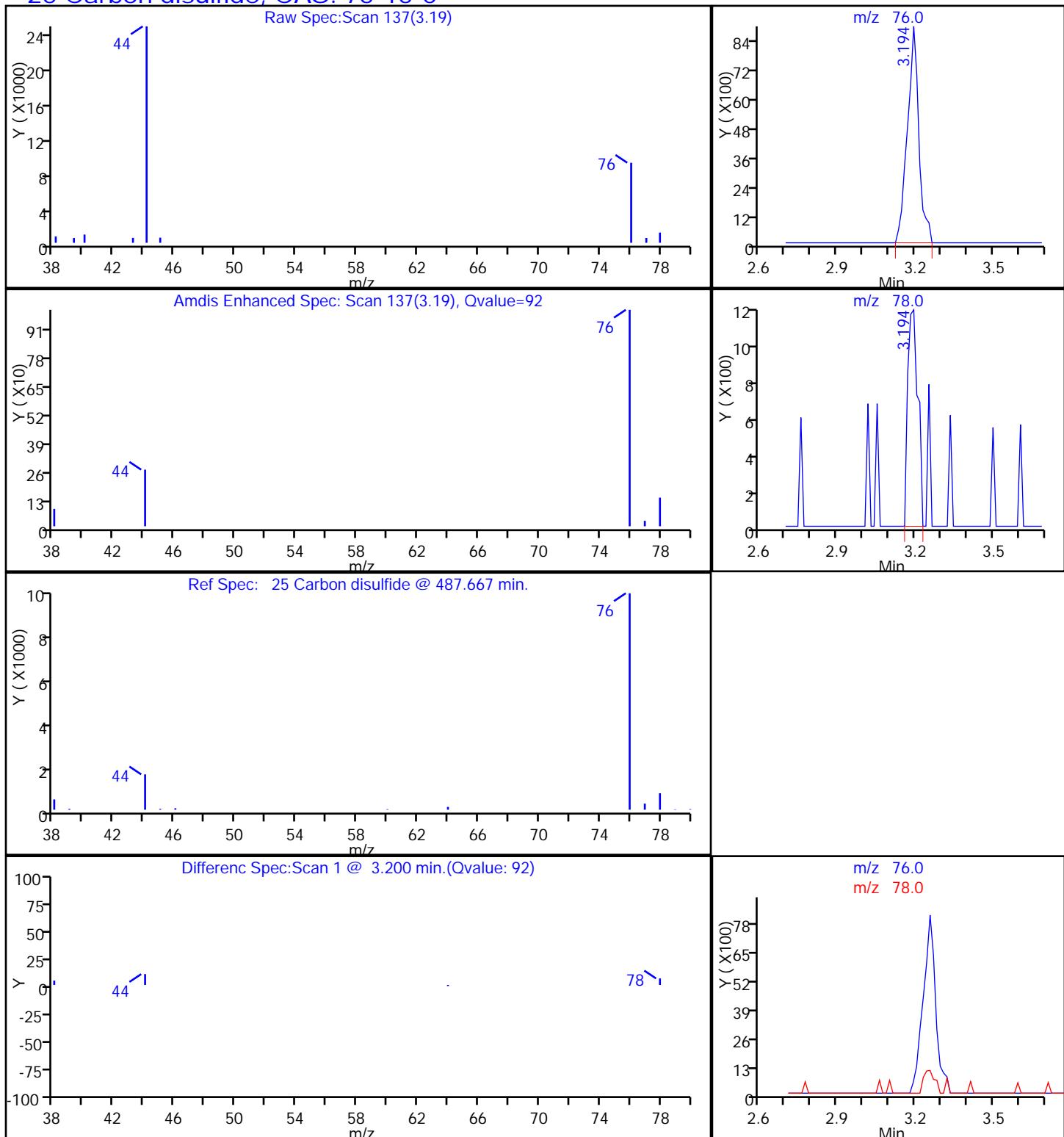
TestAmerica Canton
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 Injection Date: 15-May-2014 00:58:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-9 Lab Sample ID: 240-36937-9
 Client ID: MW021A/050614
 Operator ID: 43582 ALS Bottle#: 39 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

45 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8343.D
 Injection Date: 15-May-2014 00:58:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-9 Lab Sample ID: 240-36937-9
 Client ID: MW021A/050614
 Operator ID: 43582 ALS Bottle#: 39 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

25 Carbon disulfide, CAS: 75-15-0



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW030/050614 Lab Sample ID: 240-36937-10
Matrix: Water Lab File ID: UXJ8344.D
Analysis Method: 8260B Date Collected: 05/06/2014 12:25
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 01:22
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	33	J	50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW030/050614 Lab Sample ID: 240-36937-10
Matrix: Water Lab File ID: UXJ8344.D
Analysis Method: 8260B Date Collected: 05/06/2014 12:25
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 01:22
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	0.44	J	1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	76		66-120
1868-53-7	Dibromofluoromethane (Surr)	84		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		63-129
2037-26-5	Toluene-d8 (Surr)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8344.D
 Lims ID: 240-36937-B-10 Lab Sample ID: 240-36937-10
 Client ID: MW030/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 01:22:30 ALS Bottle#: 40 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-010
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

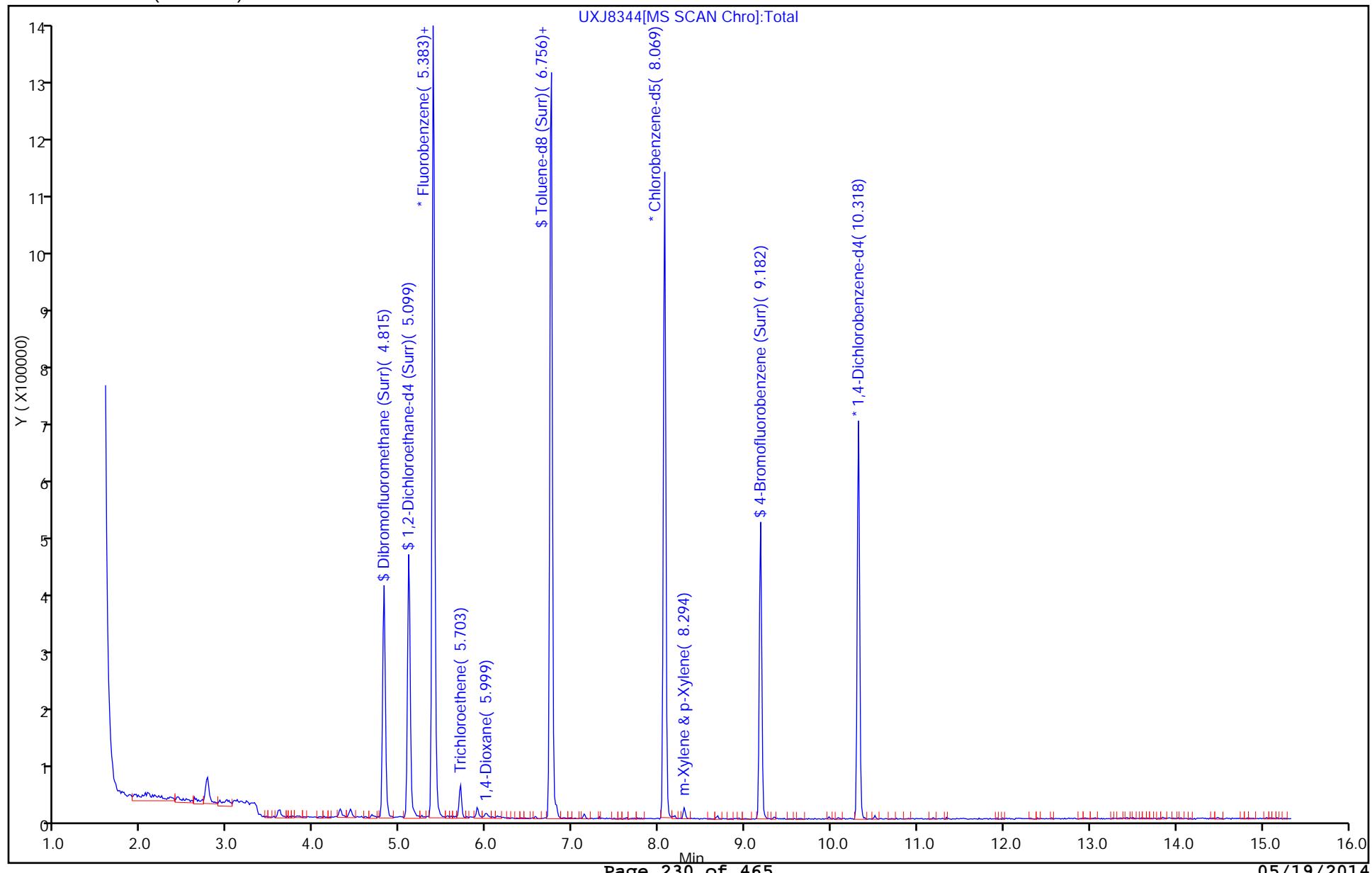
First Level Reviewer: evansle Date: 15-May-2014 08:49:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1318036	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	86	690106	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	213343	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	95	265495	7.05	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	95	346295	6.62	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	976153	7.19	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	200795	6.38	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130	5.703	5.703	0.000	80	18880	0.4389	
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88	5.987	5.999	-0.012	54	5938	32.7	
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91	6.803	6.815	-0.012	54	16242	0.1028	
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	70	6931	0.1272	
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106				0		0.1272	

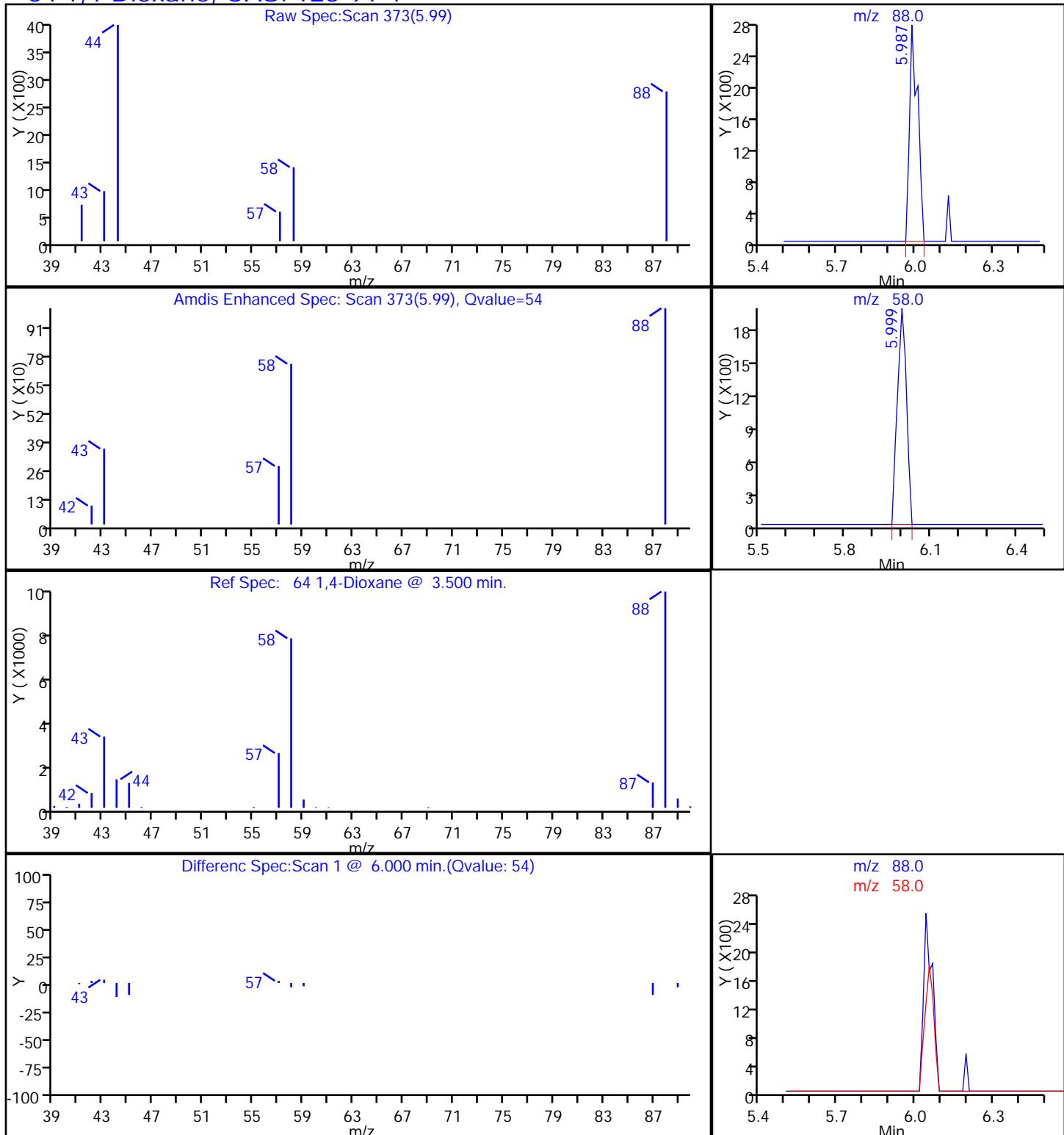
TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8344.D
Injection Date: 15-May-2014 01:22:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: 240-36937-B-10 Lab Sample ID: 240-36937-10 Worklist Smp#: 10
Client ID: MW030/050614
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 40
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



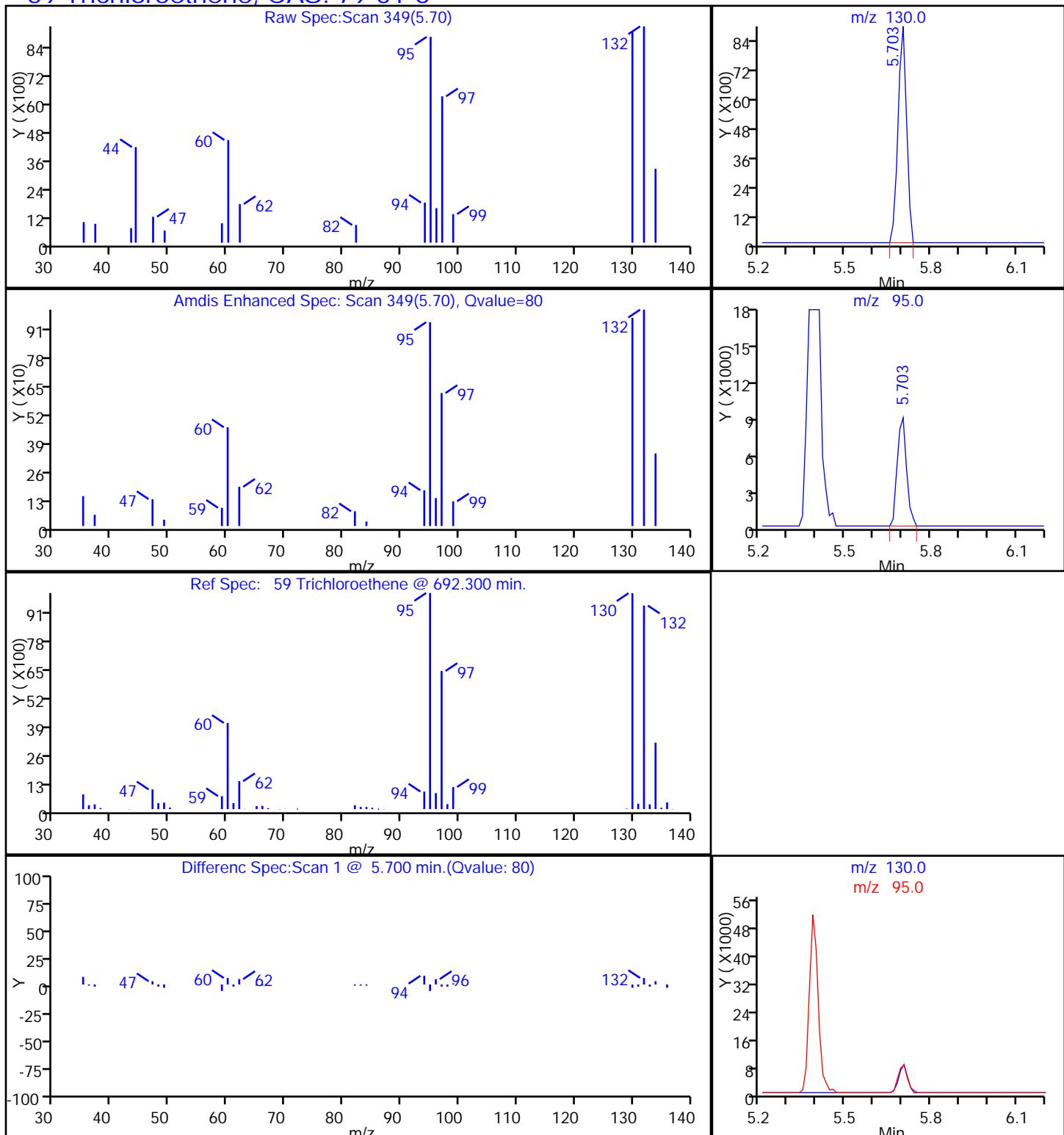
TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8344.D
 Injection Date: 15-May-2014 01:22:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-10 Lab Sample ID: 240-36937-10
 Client ID: MW030/050614
 Operator ID: 43582 ALS Bottle#: 40 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

64 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8344.D
 Injection Date: 15-May-2014 01:22:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-10 Lab Sample ID: 240-36937-10
 Client ID: MW030/050614
 Operator ID: 43582 ALS Bottle#: 40 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

59 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW025/050614 Lab Sample ID: 240-36937-11
Matrix: Water Lab File ID: UXJ8345.D
Analysis Method: 8260B Date Collected: 05/06/2014 11:00
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 01:45
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	61		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: MW025/050614 Lab Sample ID: 240-36937-11
Matrix: Water Lab File ID: UXJ8345.D
Analysis Method: 8260B Date Collected: 05/06/2014 11:00
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 01:45
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	0.18	J	1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	75		66-120
1868-53-7	Dibromofluoromethane (Surr)	85		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		63-129
2037-26-5	Toluene-d8 (Surr)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8345.D
 Lims ID: 240-36937-B-11 Lab Sample ID: 240-36937-11
 Client ID: MW025/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 01:45:30 ALS Bottle#: 41 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-011
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:49:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1307440	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	82	692997	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	205652	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	96	263704	7.06	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	93	342056	6.60	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	981216	7.20	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	198168	6.27	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84		3.372					
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

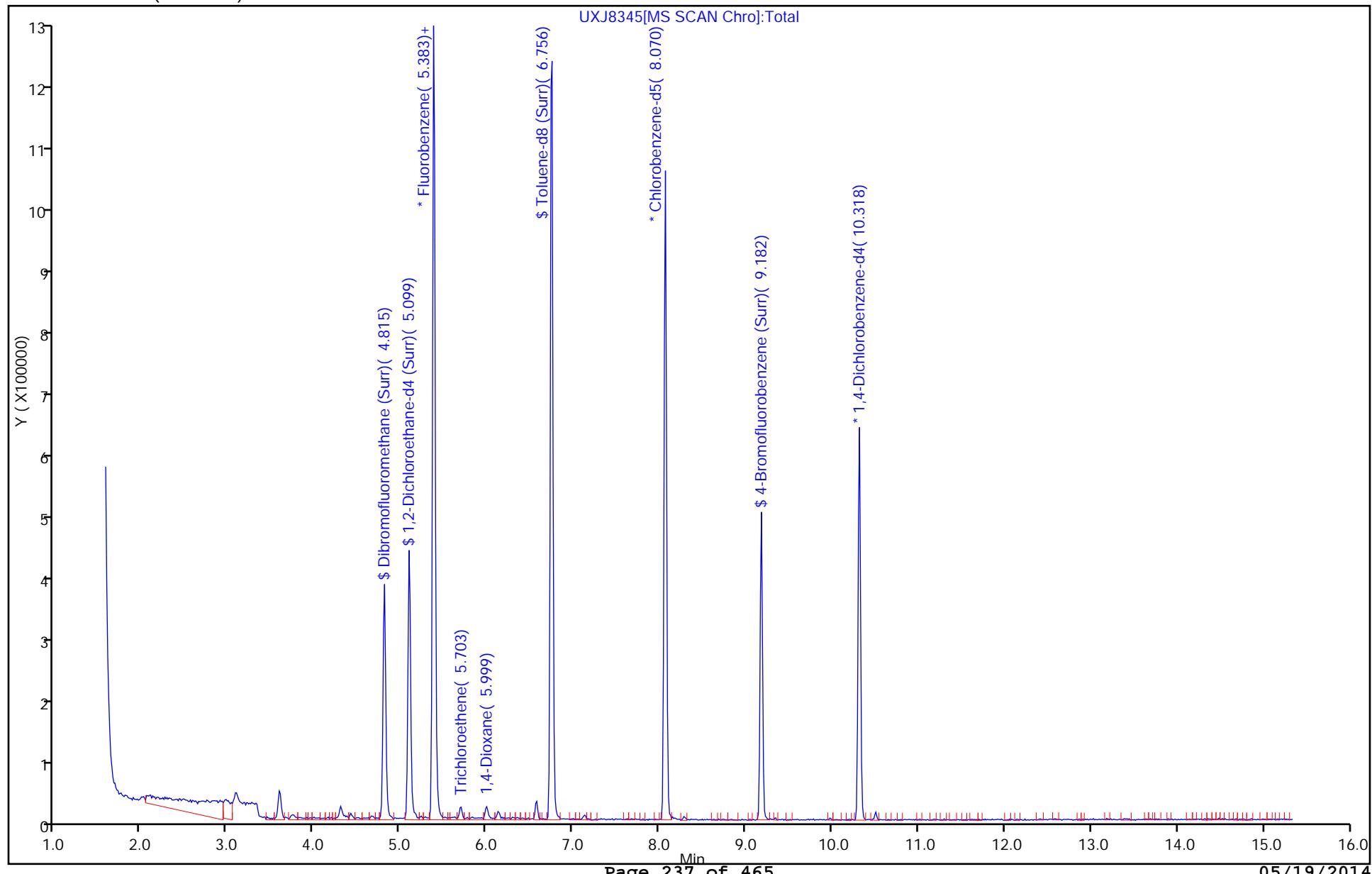
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130	5.703	5.703	0.000	56	7653	0.1793	
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88	5.999	5.999	0.000	79	15834	60.8	
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:35

Chrom Revision: 2.2 14-Apr-2014 13:40:08

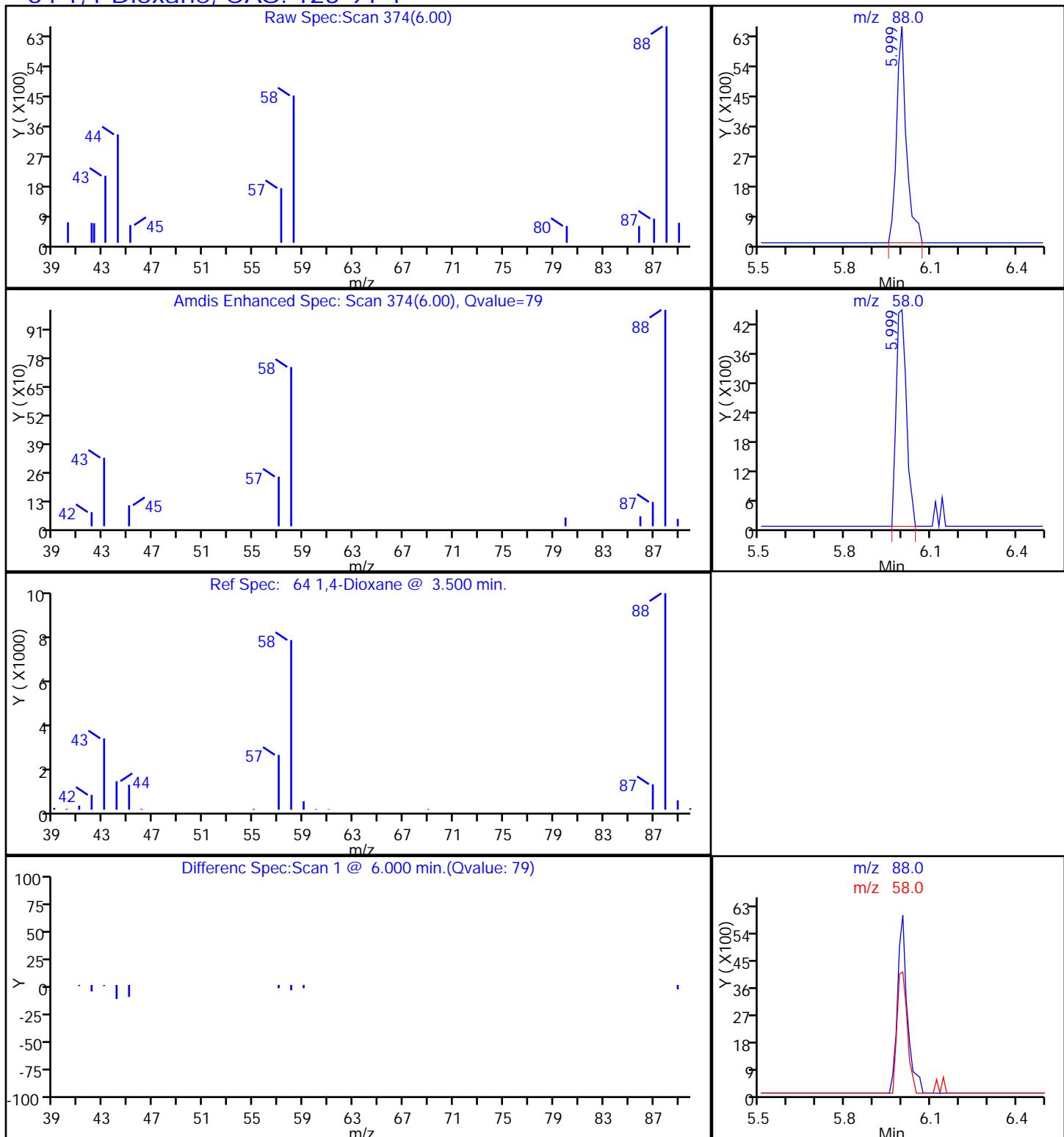
TestAmerica Canton

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Injection Date: 15-May-2014 01:45:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: 240-36937-B-11 Lab Sample ID: 240-36937-11 Worklist Smp#: 11
Client ID: MW025/050614
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 41
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



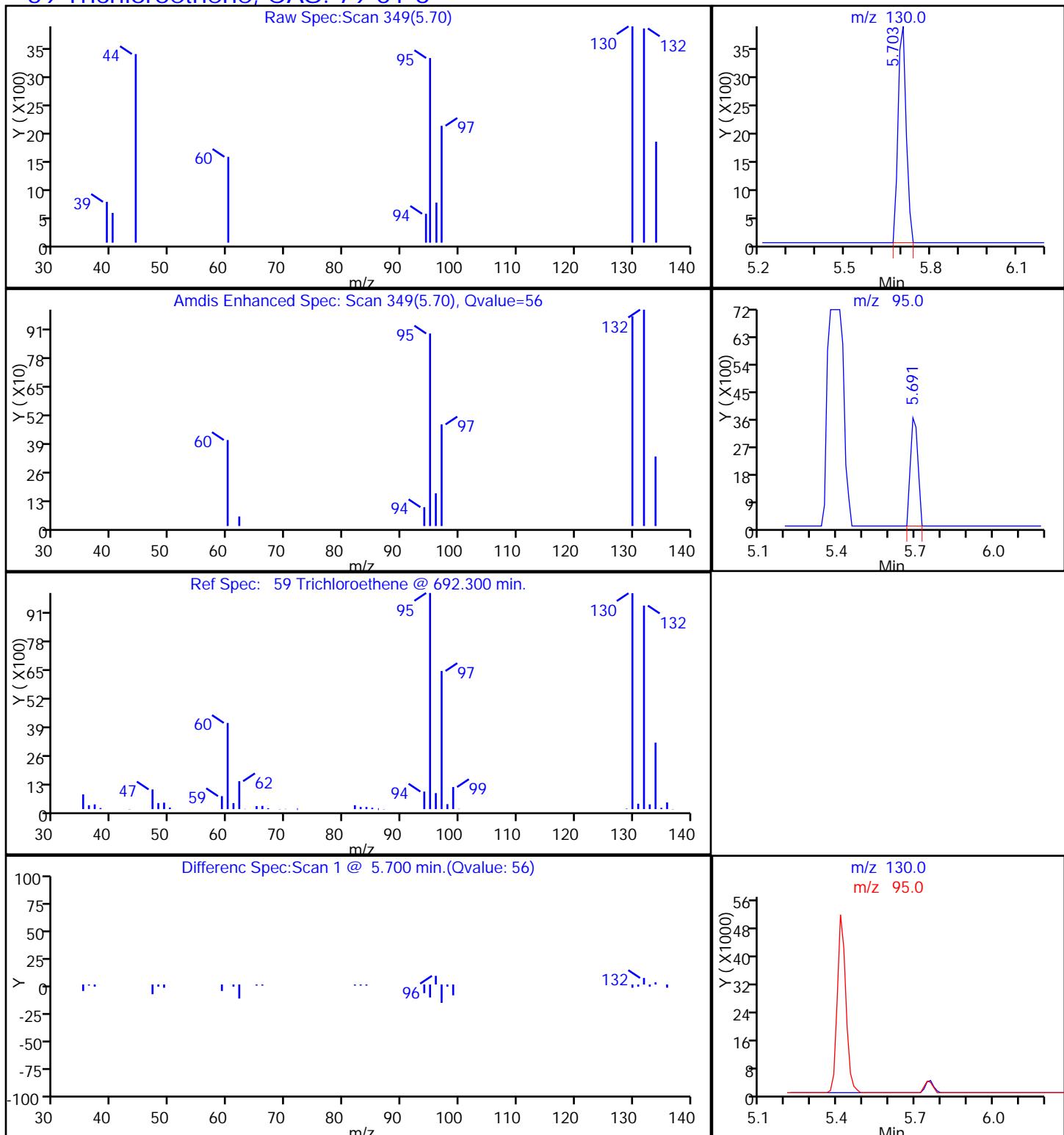
TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8345.D
 Injection Date: 15-May-2014 01:45:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-11 Lab Sample ID: 240-36937-11
 Client ID: MW025/050614
 Operator ID: 43582 ALS Bottle#: 41 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

64 1,4-Dioxane, CAS: 123-91-1



TestAmerica Canton
 Data File: \WNCchrom\ChromData\A3UX11\20140514-31011.b\UXJ8345.D
 Injection Date: 15-May-2014 01:45:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-11 Lab Sample ID: 240-36937-11
 Client ID: MW025/050614
 Operator ID: 43582 ALS Bottle#: 41 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

59 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: TB01/050614 Lab Sample ID: 240-36937-12
Matrix: Water Lab File ID: UXJ8346.D
Analysis Method: 8260B Date Collected: 05/06/2014 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 02:08
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	21	J	50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Client Sample ID: TB01/050614 Lab Sample ID: 240-36937-12
Matrix: Water Lab File ID: UXJ8346.D
Analysis Method: 8260B Date Collected: 05/06/2014 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 02:08
Soil Aliquot Vol.: Dilution Factor: 1
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)
% Moisture: Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	74		66-120
1868-53-7	Dibromofluoromethane (Surr)	85		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		63-129
2037-26-5	Toluene-d8 (Surr)	84		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8346.D
 Lims ID: 240-36937-B-12 Lab Sample ID: 240-36937-12
 Client ID: TB01/050614
 Sample Type: Client
 Inject. Date: 15-May-2014 02:08:30 ALS Bottle#: 42 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-012
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 08:49:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1338147	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	85	696722	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	216794	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	98	270323	7.07	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	97	336905	6.35	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	959458	7.00	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	197177	6.20	
9 Dichlorodifluoromethane	85		1.668					
11 Chloromethane	50		1.822					
12 Vinyl chloride	62		1.928					
14 Bromomethane	94		2.236					
15 Chloroethane	64		2.330					
17 Trichlorofluoromethane	101		2.543					
19 Acrolein	56		2.875					
20 1,1-Dichloroethene	96		2.993					
22 Acetone	43		2.993					
24 Iodomethane	142		3.135					
25 Carbon disulfide	76		3.194					
27 Acetonitrile	41		3.230					
26 3-Chloro-1-propene	76		3.265					
28 Methylene Chloride	84	3.372	3.372	0.000	64	6200	0.1830	
31 Acrylonitrile	53		3.561					
33 trans-1,2-Dichloroethene	96		3.597					
35 1,1-Dichloroethane	63		3.952					
36 Vinyl acetate	43		3.963					
38 2-Chloro-1,3-butadiene	53		4.023					
45 2-Butanone (MEK)	43		4.425					
40 cis-1,2-Dichloroethene	96		4.425					
43 Propionitrile	54		4.472					
48 Methacrylonitrile	41		4.603					
47 Chloroform	83		4.673					

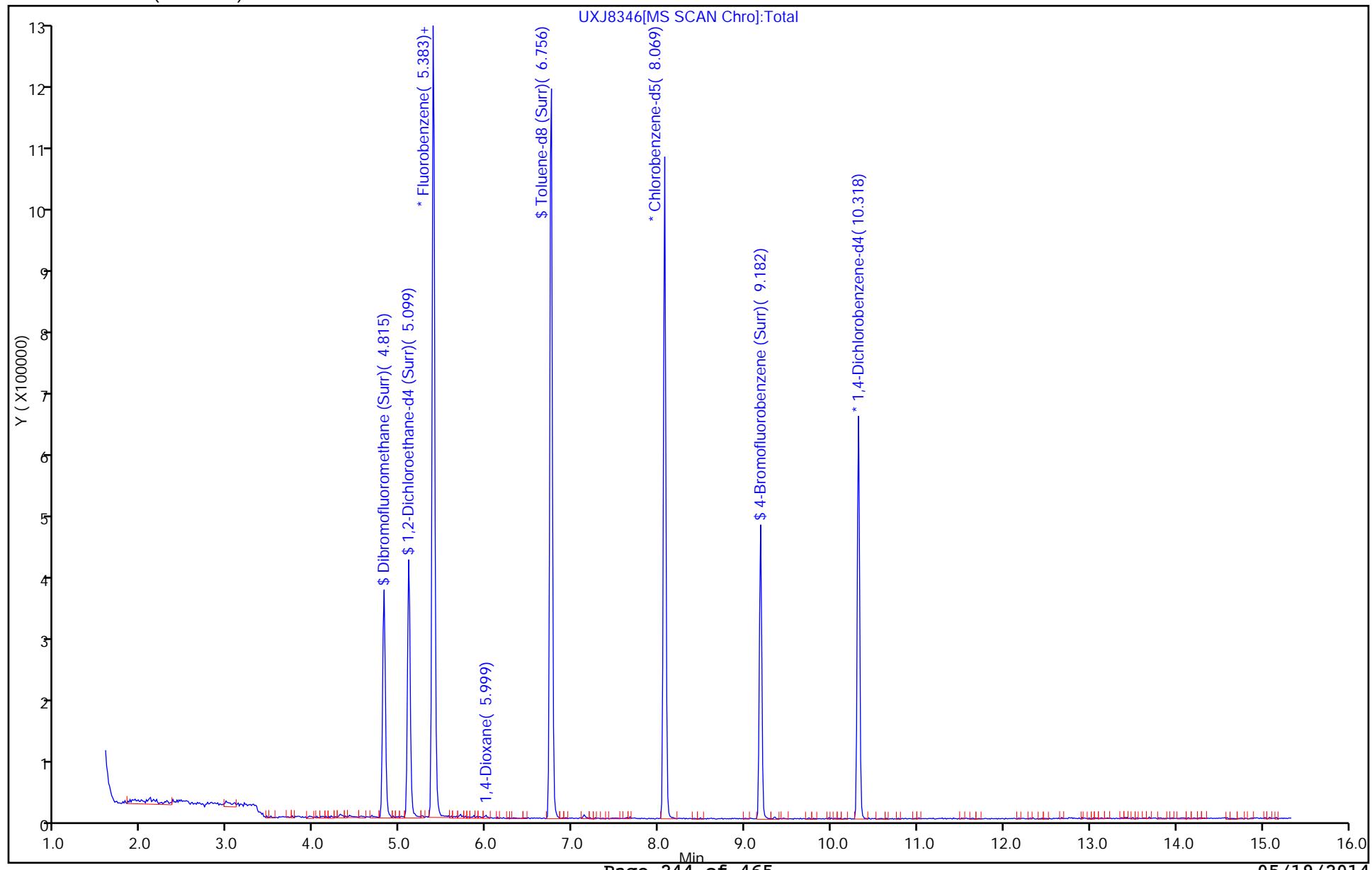
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
49 1,1,1-Trichloroethane	97		4.851					
52 Carbon tetrachloride	117		4.993					
53 Isobutyl alcohol	41		5.028					
54 Benzene	78		5.159					
55 1,2-Dichloroethane	62		5.170					
59 Trichloroethene	130		5.703					
62 1,2-Dichloropropane	63		5.892					
65 Methyl methacrylate	41		5.951					
63 Dibromomethane	93		5.987					
64 1,4-Dioxane	88	5.999	5.999	0.000	36	1877	21.5	
66 Dichlorobromomethane	83		6.117					
69 cis-1,3-Dichloropropene	75		6.496					
70 4-Methyl-2-pentanone (MIBK)	43		6.626					
71 Toluene	91		6.815					
72 trans-1,3-Dichloropropene	75		6.981					
73 Ethyl methacrylate	69		7.052					
74 1,1,2-Trichloroethane	97		7.158					
75 Tetrachloroethene	164		7.312					
77 2-Hexanone	43		7.371					
78 Chlorodibromomethane	129		7.525					
81 Ethylene Dibromide	107		7.643					
82 Chlorobenzene	112		8.093					
84 1,1,1,2-Tetrachloroethane	131		8.164					
85 Ethylbenzene	106		8.188					
86 m-Xylene & p-Xylene	106		8.294					
88 o-Xylene	106		8.685					
87 Styrene	104		8.685					
89 Bromoform	173		8.874					
93 1,1,2,2-Tetrachloroethane	83		9.300					
95 1,2,3-Trichloropropane	110		9.347					
97 trans-1,4-Dichloro-2-buten	53		9.359					
113 1,2-Dibromo-3-Chloropropan	157		11.477					
S 130 1,2-Dichloroethene, Total	96		1.140					
S 132 Xylenes, Total	106		16.530					

Report Date: 15-May-2014 08:55:35

Chrom Revision: 2.2 14-Apr-2014 13:40:08

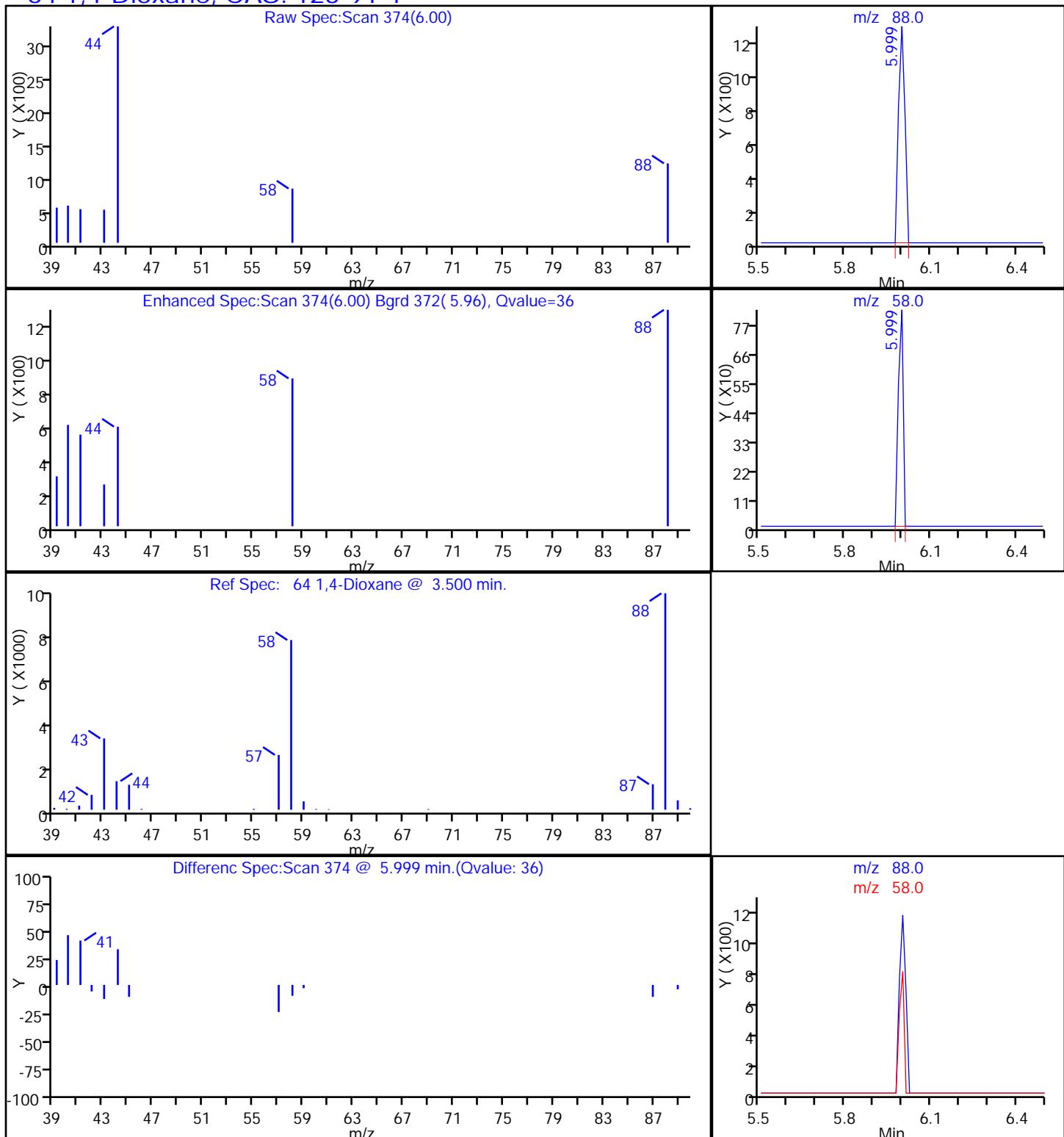
TestAmerica Canton

Data File:	\INcchrom\ChromData\A3UX11\20140514-31011.b\UXJ8346.D	Instrument ID:	A3UX11	Operator ID:	43582
Injection Date:	15-May-2014 02:08:30	Lab Sample ID:	240-36937-12	Worklist Smp#:	12
Lims ID:	240-36937-B-12	Dil. Factor:	1.0000	ALS Bottle#:	42
Client ID:	TB01/050614	Limit Group:	MSV 8260B ICAL		
Purge Vol:	5.000 mL				
Method:	8260_11				
Column:	DB-624 (0.18 mm)				



TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8346.D
 Injection Date: 15-May-2014 02:08:30 Instrument ID: A3UX11
 Lims ID: 240-36937-B-12 Lab Sample ID: 240-36937-12
 Client ID: TB01/050614
 Operator ID: 43582 ALS Bottle#: 42 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

64 1,4-Dioxane, CAS: 123-91-1



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-130073/7	UXJ8178.D
Level 2	STD8260 240-130073/6	UXJ8177.D
Level 3	STD8260 240-130073/5	UXJ8176.D
Level 4	STD8260 240-130073/4	UXJ8175.D
Level 5	STD8260 240-130073/3	UXJ8174.D
Level 6	STD8260 240-130073/2	UXJ8173.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2024 0.1967	0.2112	0.1906	0.1907	0.1996	Ave		0.1985				3.9		15.0			
Chloromethane	0.2075 0.1857	0.2046	0.1862	0.1979	0.2002	Ave		0.1970			0.1000	4.7		15.0			
Vinyl chloride	0.2109 0.2045	0.2278	0.2026	0.2072	0.2117	Ave		0.2108				4.3		15.0			
Butadiene	0.1936 0.1811	0.1791	0.1772	0.1788	0.1880	Ave		0.1830				3.5		15.0			
Bromomethane	0.0902 0.0938	0.0947	0.0847	0.0905	0.0929	Ave		0.0911				4.0		15.0			
Chloroethane	0.1221 0.1169	0.1093	0.1041	0.1129	0.1162	Ave		0.1136				5.6		15.0			
Dichlorofluoromethane	0.2103 0.2472	0.2285	0.2072	0.2251	0.2463	Ave		0.2275				7.5		15.0			
Trichlorofluoromethane	0.1996 0.2089	0.1961	0.1787	0.1853	0.2062	Ave		0.1958				6.0		15.0			
Ethyl ether	0.2396 0.2496	0.2569	0.2502	0.2472	0.2620	Ave		0.2509				3.1		15.0			
Acrolein	0.0245 0.0200	0.0223	0.0205	0.0201	0.0216	Ave		0.0215				8.1		15.0			
Acetone	0.1542 0.0704	0.1217	0.0973	0.0859	0.0724	Lin1	0.1979	0.0694							0.9960		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1155 0.1174	0.1175	0.1048	0.1095	0.1165	Ave		0.1135				4.6		15.0			
1,1-Dichloroethene	0.2063 0.2053	0.2150	0.2022	0.2043	0.2102	Ave		0.2072				2.2		15.0			
Iodomethane	0.2511 0.2442	0.2538	0.2522	0.2486	0.2532	Ave		0.2505				1.4		15.0			
Carbon disulfide	0.4832 0.4817	0.5031	0.4716	0.4718	0.4812	Ave		0.4821				2.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1978 0.2008	0.1941	0.2031	0.1967	0.2053	Ave		0.1996				2.1		15.0			
Methyl acetate	0.2085 0.1831	0.1989	0.1917	0.1866	0.1895	Ave		0.1930				4.8		15.0			
Methylene Chloride	0.2962 0.2331	0.2717	0.2408	0.2406	0.2370	Ave		0.2532				9.9		15.0			
2-Methyl-2-propanol	0.0168 0.0129	0.0171	0.0171	0.0168	0.0165	Ave		0.0162				10.0		15.0			
Acrylonitrile	0.0904 0.0908	0.0952	0.0915	0.0910	0.0937	Ave		0.0921				2.1		15.0			
Methyl tert-butyl ether	0.8089 0.8651	0.8510	0.8654	0.8547	0.8923	Ave		0.8562				3.2		15.0			
trans-1,2-Dichloroethene	0.3175 0.3273	0.3232	0.3237	0.3276	0.3344	Ave		0.3256				1.7		15.0			
Hexane	0.0665 0.0715	0.0713	0.0615	0.0665	0.0708	Ave		0.0680				5.8		15.0			
1,1-Dichloroethane	0.5828 0.5925	0.5941	0.5901	0.5823	0.5945	Ave		0.5894			0.1000	0.9		15.0			
Vinyl acetate	0.4017 0.3863	0.3606	0.3644	0.3695	0.3852	Ave		0.3779				4.2		15.0			
2-Butanone	0.1324 0.0976	0.1166	0.1046	0.1095	0.0993	Ave		0.1100				12.0		15.0			
2,2-Dichloropropane	0.2674 0.2606	0.2775	0.2598	0.2652	0.2759	Ave		0.2677				2.8		15.0			
cis-1,2-Dichloroethene	0.3555 0.3482	0.3606	0.3412	0.3432	0.3490	Ave		0.3496				2.1		15.0			
Chlorobromomethane	0.1760 0.1622	0.1661	0.1600	0.1621	0.1640	Ave		0.1651				3.5		15.0			
Tetrahydrofuran	0.0806 0.0609	0.0787	0.0687	0.0662	0.0646	Ave		0.0700				11.0		15.0			
Chloroform	0.5907 0.5667	0.5838	0.5616	0.5548	0.5696	Ave		0.5712				2.4		15.0			
1,1,1-Trichloroethane	0.3521 0.3496	0.3731	0.3522	0.3552	0.3655	Ave		0.3580				2.6		15.0			
Cyclohexane	0.3555 0.3720	0.3700	0.3495	0.3450	0.3734	Ave		0.3609				3.4		15.0			
1,1-Dichloropropene	0.4388 0.4249	0.4430	0.4164	0.4092	0.4247	Ave		0.4262				3.0		15.0			
Carbon tetrachloride	0.2924 0.3029	0.2749	0.2806	0.2818	0.3070	Ave		0.2899				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutanol	0.0161 0.0086	0.0127	0.0100	0.0106	0.0106	Lin1	0.1872	0.0091							0.9900		0.9900
Benzene	1.3893 1.3548	1.3482	1.3012	1.3019	1.3431	Ave		1.3397				2.5		15.0			
1,2-Dichloroethane	0.4893 0.4619	0.4865	0.4740	0.4664	0.4695	Ave		0.4746				2.3		15.0			
n-Heptane	0.0660 0.0682	0.0654	0.0577	0.0590	0.0648	Ave		0.0635				6.6		15.0			
Trichloroethene	0.3239 0.3244	0.3444	0.3227	0.3204	0.3224	Ave		0.3264				2.7		15.0			
Methylcyclohexane	0.3897 0.3865	0.3648	0.3471	0.3470	0.3823	Ave		0.3696				5.3		15.0			
1,2-Dichloropropane	0.3310 0.3208	0.3209	0.3052	0.3203	0.3198	Ave		0.3197				2.6		15.0			
Dibromomethane	0.1786 0.1648	0.1787	0.1611	0.1695	0.1707	Ave		0.1706				4.2		15.0			
1,4-Dioxane	0.0018 0.0013	0.0020	0.0020	0.0019	0.0021	Qua	-0.047	0.0029	0						0.9900		0.9900
Bromodichloromethane	0.3727 0.3851	0.3927	0.3725	0.3661	0.3788	Ave		0.3780				2.6		15.0			
2-Chloroethyl vinyl ether	0.1559 0.1640	0.1594	0.1573	0.1601	0.1656	Ave		0.1604				2.3		15.0			
cis-1,3-Dichloropropene	0.4208 0.4619	0.4110	0.4185	0.4280	0.4554	Ave		0.4326				4.8		15.0			
4-Methyl-2-pentanone (MIBK)	0.1815 0.1847	0.1889	0.1857	0.1890	0.1892	Ave		0.1865				1.7		15.0			
Toluene	2.2723 2.4507	2.2434	2.1420	2.2307	2.3921	Ave		2.2885				4.9		15.0			
trans-1,3-Dichloropropene	0.5911 0.7209	0.6200	0.6085	0.6436	0.6976	Ave		0.6470				8.0		15.0			
Ethyl methacrylate	0.4861 0.5897	0.5017	0.5180	0.5437	0.5759	Ave		0.5358				7.7		15.0			
1,1,2-Trichloroethane	0.4766 0.4313	0.4582	0.4254	0.4221	0.4426	Ave		0.4427				4.8		15.0			
1,3-Dichloropropane	0.7881 0.7864	0.7661	0.7341	0.7729	0.7782	Ave		0.7710				2.6		15.0			
Tetrachloroethene	0.3793 0.3902	0.3943	0.3507	0.3636	0.3858	Ave		0.3773				4.5		15.0			
2-Hexanone	0.2022 0.2137	0.2064	0.2099	0.2168	0.2144	Ave		0.2106				2.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.3735 0.4312	0.3608	0.3759	0.3958	0.4194	Ave		0.3928				7.1		15.0			
Ethylene Dibromide	0.4073 0.3899	0.3740	0.3835	0.3795	0.3973	Ave		0.3886				3.2		15.0			
Chlorobenzene	1.3228 1.2915	1.2315	1.2269	1.2361	1.2962	Ave		1.2675			0.3000	3.2		15.0			
1,1,1,2-Tetrachloroethane	0.3980 0.4270	0.3868	0.3825	0.4022	0.4246	Ave		0.4035				4.6		15.0			
Ethylbenzene	0.6149 0.7057	0.6298	0.6436	0.6455	0.6916	Ave		0.6552				5.4		15.0			
m-Xylene & p-Xylene	0.7488 0.8553	0.7752	0.7560	0.7679	0.8360	Ave		0.7899				5.6		15.0			
o-Xylene	0.6424 0.7710	0.6604	0.6785	0.7071	0.7610	Ave		0.7034				7.5		15.0			
Styrene	1.0977 1.3250	1.1616	1.1212	1.2064	1.2926	Ave		1.2008				7.7		15.0			
Bromoform	0.1590 0.1828	0.1492	0.1598	0.1645	0.1798	Ave		0.1659			0.1000	7.8		15.0			
Isopropylbenzene	1.4963 1.7964	1.5075	1.5428	1.6163	1.7594	Ave		1.6198				8.0		15.0			
1,1,2,2-Tetrachloroethane	0.9806 0.8265	0.9748	0.9360	0.8836	0.8817	Ave		0.9139			0.3000	6.6		15.0			
Bromobenzene	1.1436 1.0108	1.0738	1.0775	1.0509	1.0409	Ave		1.0663				4.2		15.0			
1,2,3-Trichloropropane	0.3167 0.2883	0.3255	0.3357	0.3327	0.3110	Ave		0.3183				5.5		15.0			
trans-1,4-Dichloro-2-butene	0.2710 0.2542	0.2624	0.2584	0.2533	0.2635	Ave		0.2605				2.5		15.0			
N-Propylbenzene	0.9191 1.0649	1.0218	1.0677	1.0529	1.1067	Ave		1.0388				6.2		15.0			
2-Chlorotoluene	0.8977 0.8832	0.8912	0.9124	0.8939	0.9245	Ave		0.9005				1.7		15.0			
1,3,5-Trimethylbenzene	2.7383 3.0842	2.7776	2.8916	2.9835	3.1034	Ave		2.9298				5.2		15.0			
4-Chlorotoluene	0.9494 0.9607	0.9280	0.9972	0.9840	0.9962	Ave		0.9692				2.9		15.0			
tert-Butylbenzene	2.4043 2.4822	2.3895	2.3704	2.3642	2.4969	Ave		2.4179				2.4		15.0			
1,2,4-Trimethylbenzene	2.7028 3.1721	2.8466	2.9900	3.0469	3.2095	Ave		2.9946				6.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.2220 3.4307	3.2436	3.2545	3.2174	3.4508	Ave		3.3032				3.3		15.0			
1,3-Dichlorobenzene	1.7501 1.7147	1.7904	1.7429	1.6965	1.7717	Ave		1.7444				2.0		15.0			
4-Isopropyltoluene	2.4560 3.0591	2.5416	2.6430	2.7267	3.0040	Ave		2.7384				9.0		15.0			
1,4-Dichlorobenzene	1.8573 1.8194	1.8823	1.8328	1.8245	1.8466	Ave		1.8438				1.3		15.0			
n-Butylbenzene	2.0450 2.5049	2.2331	2.1489	2.2108	2.4586	Ave		2.2669				7.9		15.0			
1,2-Dichlorobenzene	1.6480 1.7371	1.8416	1.7053	1.7028	1.7896	Ave		1.7374				4.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1111 0.1416	0.1442	0.1460	0.1416	0.1430	Ave		0.1379				9.6		15.0			
1,2,4-Trichlorobenzene	0.9775 0.9409	0.9679	0.9513	0.9406	0.9588	Ave		0.9562				1.5		15.0			
Hexachlorobutadiene	0.4281 0.3658	0.4568	0.3555	0.3858	0.3912	Ave		0.3972				9.7		15.0			
Naphthalene	2.2960 2.4924	2.3506	2.3215	2.3446	2.5882	Ave		2.3989				4.8		15.0			
1,2,3-Trichlorobenzene	0.8724 0.8571	0.9631	0.8815	0.8907	0.8842	Ave		0.8915				4.1		15.0			
Dibromofluoromethane (Surr)	0.2862 0.2850	0.2850	0.2893	0.2795	0.2902	Ave		0.2859				1.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4334 0.3963	0.3762	0.3874	0.3778	0.4084	Ave		0.3966				5.5		15.0			
Toluene-d8 (Surr)	2.0502 2.0714	1.8670	1.8725	1.9009	2.0439	Ave		1.9676				4.9		15.0			
4-Bromofluorobenzene (Surr)	0.4696 0.4811	0.4247	0.4279	0.4497	0.4848	Ave		0.4563				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-130073/7	UXJ8178.D
Level 2	STD8260 240-130073/6	UXJ8177.D
Level 3	STD8260 240-130073/5	UXJ8176.D
Level 4	STD8260 240-130073/4	UXJ8175.D
Level 5	STD8260 240-130073/3	UXJ8174.D
Level 6	STD8260 240-130073/2	UXJ8173.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	25875 1110607	55259	127555	256320	560425	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	26530 1048647	53550	124592	265980	562058	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	26970 1154879	59605	135565	278514	594199	1.00 40.0	2.00	5.00	10.0	20.0
Butadiene	FB	Ave	24750 1022413	46866	118610	240329	527627	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	11540 529895	24771	56674	121661	260871	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	15616 660076	28595	69682	151801	326102	1.00 40.0	2.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	26896 1396064	59801	138676	302580	691349	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	25525 1179711	51322	119598	249102	578932	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	30643 1409576	67229	167434	332223	735383	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	15685 565396	29230	68536	135166	303751	5.00 200	10.0	25.0	50.0	100
Acetone	FB	Lin1	39428 794954	63720	130253	230891	406581	2.00 80.0	4.00	10.0	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	14768 662825	30752	70155	147134	327134	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethene	FB	Ave	26384 1159400	56270	135313	274629	589996	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	32115 1378789	66427	168741	334097	710785	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	61787 2719813	131665	315575	634128	1350777	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	25294 1133577	50791	135890	264415	576275	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	133284 5170280	260196	641359	1253982	2659505	5.00 200	10.0	25.0	50.0	100
Methylene Chloride	FB	Ave	37870 1316491	71091	161163	323401	665402	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	21507 728596	44631	114221	225890	461984	10.0 400	20.0	50.0	100	200
Acrylonitrile	FB	Ave	115537 5126949	249163	612220	1223598	2630118	10.0 400	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	103432 4885043	222702	579109	1148830	2504716	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	40602 1847894	84566	216605	440290	938829	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	8498 403623	18649	41143	89447	198706	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	74524 3345511	155466	394888	782682	1668894	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	49310 2093814	90588	234072	476775	1037977	0.960 38.4	1.92	4.80	9.60	19.2
2-Butanone	FB	Ave	33863 1101728	61016	140050	294326	557331	2.00 80.0	4.00	10.0	20.0	40.0
2,2-Dichloropropane	FB	Ave	34190 1471259	72622	173872	356482	774569	1.00 40.0	2.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	45461 1966391	94364	228338	461312	979822	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobromomethane	FB	Ave	22509 915932	43477	107089	217891	460351	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	20623 687901	41208	91933	178059	362772	2.00 80.0	4.00	10.0	20.0	40.0
Chloroform	FB	Ave	75531 3200184	152779	375830	745732	1598971	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	45030 1973807	97640	235663	477417	1026102	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	45463 2100735	96836	233870	463785	1048145	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	56116 2399065	115931	278658	549993	1192266	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	37396 1710119	71945	187775	378794	861845	1.00 40.0	2.00	5.00	10.0	20.0
Isobutanol	CBZ	Lin1	27763 659345	45079	93903	198791	407860	25.0 1000	50.0	125	250	500
Benzene	FB	Ave	177648 7649828	352793	870731	1749906	3770382	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	62569 2608231	127307	317183	626954	1317974	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	8438 385018	17120	38585	79349	181766	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	41416 1831929	90130	215937	430690	905169	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	49836 2182268	95461	232285	466393	1073135	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	42332 1811389	83970	204212	430525	897867	1.00 40.0	2.00	5.00	10.0	20.0
Dibromomethane	FB	Ave	22844 930618	46769	107819	227797	479217	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	4583 149136	10658	27145	51879	120673	20.0 800	40.0	100	200	400
Bromodichloromethane	FB	Ave	47659 2174782	102755	249267	492100	1063409	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	39872 1852386	83402	210565	430358	929725	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	53811 2607952	107549	280032	575288	1278263	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	46412 2085930	98855	248525	508158	1062100	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	156676 7499889	319060	805196	1675021	3682434	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	40756 2206254	88184	228749	483250	1073842	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	33518 1804547	71352	194713	408296	886527	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	32864 1319920	65159	159914	316928	681378	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	54338 2406671	108953	275951	580369	1198019	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethylene	CBZ	Ave	26150 1194214	56078	131848	273039	593981	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	27885 1307876	58713	157776	325570	660077	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	25754 1319653	51320	141305	297185	645584	1.00 40.0	2.00	5.00	10.0	20.0
Ethylene Dibromide	CBZ	Ave	28083 1193107	53187	144143	284990	611667	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	91206 3952309	175140	461208	928165	1995436	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	27439 1306770	55017	143777	302013	653720	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	42396 2159564	89566	241924	484730	1064627	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	51630 2617589	110245	284187	576585	1286997	1.00 40.0	2.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	44292 2359386	93921	255061	530965	1171550	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	75690 4054907	165205	421454	905901	1989882	1.00 40.0	2.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	10965 559371	21217	60072	123516	276840	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	103174 5497448	214392	579954	1213707	2708510	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	23246 1023742	47400	123213	246150	525453	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	27110 1252144	52211	141833	292755	620375	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	7507 357156	15827	44190	92681	185357	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	6424 314862	12760	34013	70566	157040	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	21788 1319122	49683	140544	293290	659579	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	21281 1094076	43333	120109	248996	551005	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	64915 3820435	135054	380630	831091	1849606	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	22506 1190074	45121	131265	274115	593708	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	56997 3074774	116183	312029	658597	1488134	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	64072 3929336	138410	393587	848757	1912829	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	76380 4249689	157714	428411	896253	2056656	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	41488 2124018	87055	229432	472596	1055940	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	58221 3789296	123581	347913	759573	1790365	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	44029 2253718	91525	241259	508242	1100580	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 14:22 Calibration End Date: 05/09/2014 16:18 Calibration ID: 22046

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	48479 3102804	108581	282867	615856	1465276	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	39068 2151708	89544	224470	474343	1066602	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2633 175429	7012	19225	39456	85249	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	23172 1165493	47062	125224	262024	571463	1.00 40.0	2.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	10149 453122	22209	46790	107476	233170	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	54428 3087323	114292	305589	653116	1542530	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	20682 1061679	46829	116035	248107	526991	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	36593 1609051	74581	193609	375745	814566	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	55422 2237675	98437	259270	507860	1146420	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	141360 6339080	265522	703880	1427400	3146532	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	32380 1472436	60395	160833	337660	746336	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8173.D
 Lims ID: STD8260 L6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-May-2014 14:22:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-002
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:11:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1411657	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	765071	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	89	309678	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.804	4.804	0.000	97	1609051	40.0	39.9	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	2237675	40.0	40.0	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	83	6339080	40.0	42.1	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	88	1472436	40.0	42.2	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	99	1110607	40.0	39.6	
11 Chloromethane	50	1.810	1.810	0.000	100	1048647	40.0	37.7	
12 Vinyl chloride	62	1.916	1.916	0.000	98	1154879	40.0	38.8	
124 Butadiene	54	1.952	1.952	0.000	0	1022413	40.0	39.6	
14 Bromomethane	94	2.224	2.224	0.000	91	529895	40.0	41.2	
15 Chloroethane	64	2.319	2.319	0.000	99	660076	40.0	41.2	
16 Dichlorofluoromethane	67	2.472	2.473	-0.001	98	1396064	40.0	43.5	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	98	1179711	40.0	42.7	
18 Ethyl ether	59	2.756	2.757	-0.001	89	1409576	40.0	39.8	
19 Acrolein	56	2.863	2.863	0.000	91	565396	200.0	186.1	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	1159400	40.0	39.6	
22 Acetone	43	2.981	2.981	0.000	47	794954	80.0	78.3	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	66	662825	40.0	41.4	
24 Iodomethane	142	3.123	3.135	-0.012	97	1378789	40.0	39.0	
25 Carbon disulfide	76	3.182	3.183	-0.001	99	2719813	40.0	40.0	
29 Methyl acetate	43	3.265	3.265	0.000	96	5170280	200.0	189.7	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	1133577	40.0	40.2	
28 Methylene Chloride	84	3.360	3.360	0.000	84	1316491	40.0	36.8	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	98	728596	400.0	318.9	
31 Acrylonitrile	53	3.549	3.549	0.000	98	5126949	400.0	394.4	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	88	4885043	40.0	40.4	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	1847894	40.0	40.2	
34 Hexane	86	3.821	3.822	-0.001	92	403623	40.0	42.0	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	3345511	40.0	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.963	3.964	-0.001	97	2093814	38.4	39.2	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	54	1101728	80.0	71.0	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	71	1471259	40.0	38.9	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	1966391	40.0	39.8	
44 Chlorobromomethane	128	4.614	4.626	-0.012	97	915932	40.0	39.3	
46 Tetrahydrofuran	42	4.662	4.662	0.000	86	687901	80.0	69.6	
47 Chloroform	83	4.673	4.674	-0.001	94	3200184	40.0	39.7	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	93	1973807	40.0	39.1	
50 Cyclohexane	56	4.910	4.910	0.000	88	2100735	40.0	41.2	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	2399065	40.0	39.9	
52 Carbon tetrachloride	117	4.993	4.993	0.000	87	1710119	40.0	41.8	
53 Isobutyl alcohol	41	5.028	5.028	0.000	90	659345	1000.0	927.4	
54 Benzene	78	5.159	5.159	0.000	95	7649828	40.0	40.4	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	53	2608231	40.0	38.9	
57 n-Heptane	100	5.360	5.360	0.000	90	385018	40.0	42.9	
59 Trichloroethene	130	5.691	5.691	0.000	98	1831929	40.0	39.8	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	2182268	40.0	41.8	
62 1,2-Dichloropropane	63	5.880	5.880	0.000	93	1811389	40.0	40.1	
63 Dibromomethane	93	5.987	5.987	0.000	91	930618	40.0	38.6	
64 1,4-Dioxane	88	5.999	5.987	0.012	78	149136	800.0	700.9	
66 Dichlorobromomethane	83	6.105	6.105	0.000	99	2174782	40.0	40.8	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	93	1852386	80.0	81.8	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	2607952	40.0	42.7	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	97	2085930	80.0	79.2	
71 Toluene	91	6.803	6.803	0.000	92	7499889	40.0	42.8	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	2206254	40.0	44.6	
73 Ethyl methacrylate	69	7.052	7.052	0.000	89	1804547	40.0	44.0	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	1319920	40.0	39.0	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	2406671	40.0	40.8	
75 Tetrachloroethene	164	7.312	7.312	0.000	76	1194214	40.0	41.4	
77 2-Hexanone	43	7.371	7.371	0.000	96	1307876	80.0	81.2	
78 Chlorodibromomethane	129	7.525	7.525	0.000	87	1319653	40.0	43.9	
81 Ethylene Dibromide	107	7.643	7.644	-0.001	99	1193107	40.0	40.1	
82 Chlorobenzene	112	8.093	8.093	0.000	94	3952309	40.0	40.8	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	1306770	40.0	42.3	
85 Ethylbenzene	106	8.188	8.188	0.000	98	2159564	40.0	43.1	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	2617589	40.0	43.3	
88 o-Xylene	106	8.673	8.673	0.000	92	2359386	40.0	43.8	
87 Styrene	104	8.685	8.685	0.000	92	4054907	40.0	44.1	
89 Bromoform	173	8.874	8.874	0.000	97	559371	40.0	44.1	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	5497448	40.0	44.4	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	95	1023742	40.0	36.2	
94 Bromobenzene	156	9.336	9.336	0.000	94	1252144	40.0	37.9	
95 1,2,3-Trichloropropane	110	9.347	9.348	-0.001	74	357156	40.0	36.2	
97 trans-1,4-Dichloro-2-butene	53	9.359	9.359	0.000	70	314862	40.0	39.0	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	1319122	40.0	41.0	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	1094076	40.0	39.2	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	3820435	40.0	42.1	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	1190074	40.0	39.6	
101 tert-Butylbenzene	119	9.927	9.927	0.000	80	3074774	40.0	41.1	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	95	3929336	40.0	42.4	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	4249689	40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	-0.001	92	2124018	40.0	39.3	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	3789296	40.0	44.7	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	94	2253718	40.0	39.5	
111 n-Butylbenzene	91	10.684	10.685	-0.001	95	3102804	40.0	44.2	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	2151708	40.0	40.0	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	81	175429	40.0	41.1	
115 1,2,4-Trichlorobenzene	180	12.317	12.318	-0.001	91	1165493	40.0	39.4	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	97	453122	40.0	36.8	
117 Naphthalene	128	12.578	12.578	0.000	97	3087323	40.0	41.6	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	96	1061679	40.0	38.5	
S 130 1,2-Dichloroethene, Total	96				0		80.0	80.0	
S 131 1,3-Dichloropropene, Total	75				0		80.0	87.3	
S 132 Xylenes, Total	106				0		80.0	87.2	
S 133 Trihalomethanes, Total	1				0		160.0	168.4	

Report Date: 10-May-2014 10:11:58

Chrom Revision: 2.2 14-Apr-2014 13:40:08

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8173.D

Injection Date: 09-May-2014 14:22:30

Instrument ID: A3UX11

Lims ID: STD8260 L6

Operator ID: 43582

Client ID:

Worklist Smp#: 2

Purge Vol: 5.000 mL

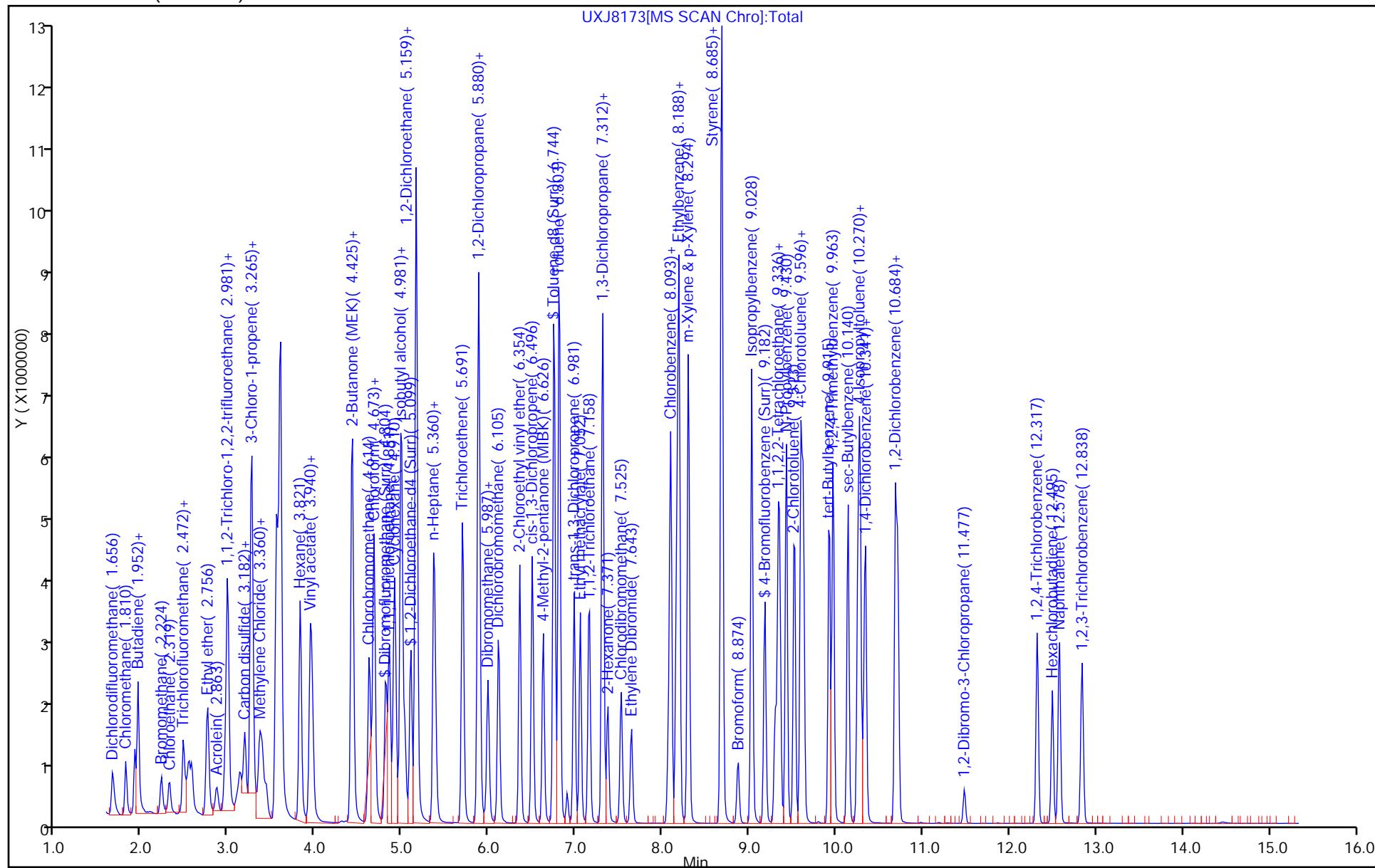
Method: 8260_11

Column: DB-624 (0.18 mm)

Dil. Factor: 1.0000

Limit Group: MSV 8260B ICAL

ALS Bottle#: 1



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8174.D
 Lims ID: STD8260 L5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-May-2014 14:46:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-003
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:11:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	98	1403591	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	83	769723	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	80	297994	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.804	4.804	0.000	97	814566	20.0	20.3	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.099	0.001	91	1146420	20.0	20.6	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	83	3146532	20.0	20.8	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	89	746336	20.0	21.2	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	99	560425	20.0	20.1	
11 Chloromethane	50	1.810	1.810	0.000	100	562058	20.0	20.3	
12 Vinyl chloride	62	1.917	1.916	0.000	98	594199	20.0	20.1	
124 Butadiene	54	1.952	1.952	0.000	0	527627	20.0	20.5	
14 Bromomethane	94	2.224	2.224	0.000	90	260871	20.0	20.4	
15 Chloroethane	64	2.319	2.319	0.000	99	326102	20.0	20.5	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	97	691349	20.0	21.7	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	99	578932	20.0	21.1	
18 Ethyl ether	59	2.757	2.757	0.000	89	735383	20.0	20.9	
19 Acrolein	56	2.863	2.863	0.000	91	303751	100.0	100.6	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	589996	20.0	20.3	
22 Acetone	43	2.981	2.981	0.000	48	406581	40.0	38.9	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	68	327134	20.0	20.5	
24 Iodomethane	142	3.123	3.135	-0.012	96	710785	20.0	20.2	
25 Carbon disulfide	76	3.183	3.183	0.000	99	1350777	20.0	20.0	
29 Methyl acetate	43	3.265	3.265	0.000	97	2659505	100.0	98.2	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	576275	20.0	20.6	
28 Methylene Chloride	84	3.360	3.360	0.000	84	665402	20.0	18.7	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	97	461984	200.0	203.4	
31 Acrylonitrile	53	3.549	3.549	0.000	98	2630118	200.0	203.5	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	84	2504716	20.0	20.8	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	65	938829	20.0	20.5	
34 Hexane	86	3.822	3.822	0.000	92	198706	20.0	20.8	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	1668894	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	97	1037977	19.2	19.6	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	54	557331	40.0	36.1	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	68	774569	20.0	20.6	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	979822	20.0	20.0	
44 Chlorobromomethane	128	4.626	4.626	0.000	95	460351	20.0	19.9	
46 Tetrahydrofuran	42	4.662	4.662	0.000	84	362772	40.0	36.9	
47 Chloroform	83	4.674	4.674	0.000	94	1598971	20.0	19.9	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	1026102	20.0	20.4	
50 Cyclohexane	56	4.910	4.910	0.000	88	1048145	20.0	20.7	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	96	1192266	20.0	19.9	
52 Carbon tetrachloride	117	4.993	4.993	0.000	82	861845	20.0	21.2	
53 Isobutyl alcohol	41	5.029	5.028	0.001	87	407860	500.0	562.3	
54 Benzene	78	5.159	5.159	0.000	95	3770382	20.0	20.1	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	54	1317974	20.0	19.8	
57 n-Heptane	100	5.360	5.360	0.000	90	181766	20.0	20.4	
59 Trichloroethene	130	5.691	5.691	0.000	97	905169	20.0	19.8	
61 Methylcyclohexane	83	5.881	5.880	0.001	88	1073135	20.0	20.7	
62 1,2-Dichloropropane	63	5.881	5.880	0.001	94	897867	20.0	20.0	
63 Dibromomethane	93	5.987	5.987	0.000	92	479217	20.0	20.0	
64 1,4-Dioxane	88	5.987	5.987	0.000	89	120673	400.0	440.8	
66 Dichlorobromomethane	83	6.105	6.105	0.000	98	1063409	20.0	20.0	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	929725	40.0	41.3	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	1278263	20.0	21.1	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	96	1062100	40.0	40.6	
71 Toluene	91	6.803	6.803	0.000	92	3682434	20.0	20.9	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	1073842	20.0	21.6	
73 Ethyl methacrylate	69	7.052	7.052	0.000	89	886527	20.0	21.5	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	91	681378	20.0	20.0	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	1198019	20.0	20.2	
75 Tetrachloroethene	164	7.312	7.312	0.000	77	593981	20.0	20.5	
77 2-Hexanone	43	7.371	7.371	0.000	96	660077	40.0	40.7	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	645584	20.0	21.4	
81 Ethylene Dibromide	107	7.644	7.644	0.000	100	611667	20.0	20.5	
82 Chlorobenzene	112	8.093	8.093	0.000	94	1995436	20.0	20.5	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	653720	20.0	21.0	
85 Ethylbenzene	106	8.188	8.188	0.000	98	1064627	20.0	21.1	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	1286997	20.0	21.2	
88 o-Xylene	106	8.673	8.673	0.000	92	1171550	20.0	21.6	
87 Styrene	104	8.685	8.685	0.000	91	1989882	20.0	21.5	
89 Bromoform	173	8.874	8.874	0.000	95	276840	20.0	21.7	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	2708510	20.0	21.7	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	90	525453	20.0	19.3	
94 Bromobenzene	156	9.336	9.336	0.000	95	620375	20.0	19.5	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	74	185357	20.0	19.5	
97 trans-1,4-Dichloro-2-butene	53	9.348	9.359	-0.011	60	157040	20.0	20.2	
96 N-Propylbenzene	120	9.430	9.430	0.000	97	659579	20.0	21.3	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	551005	20.0	20.5	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	1849606	20.0	21.2	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	593708	20.0	20.6	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	89	1488134	20.0	20.7	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	91	1912829	20.0	21.4	
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	2056656	20.0	20.9	

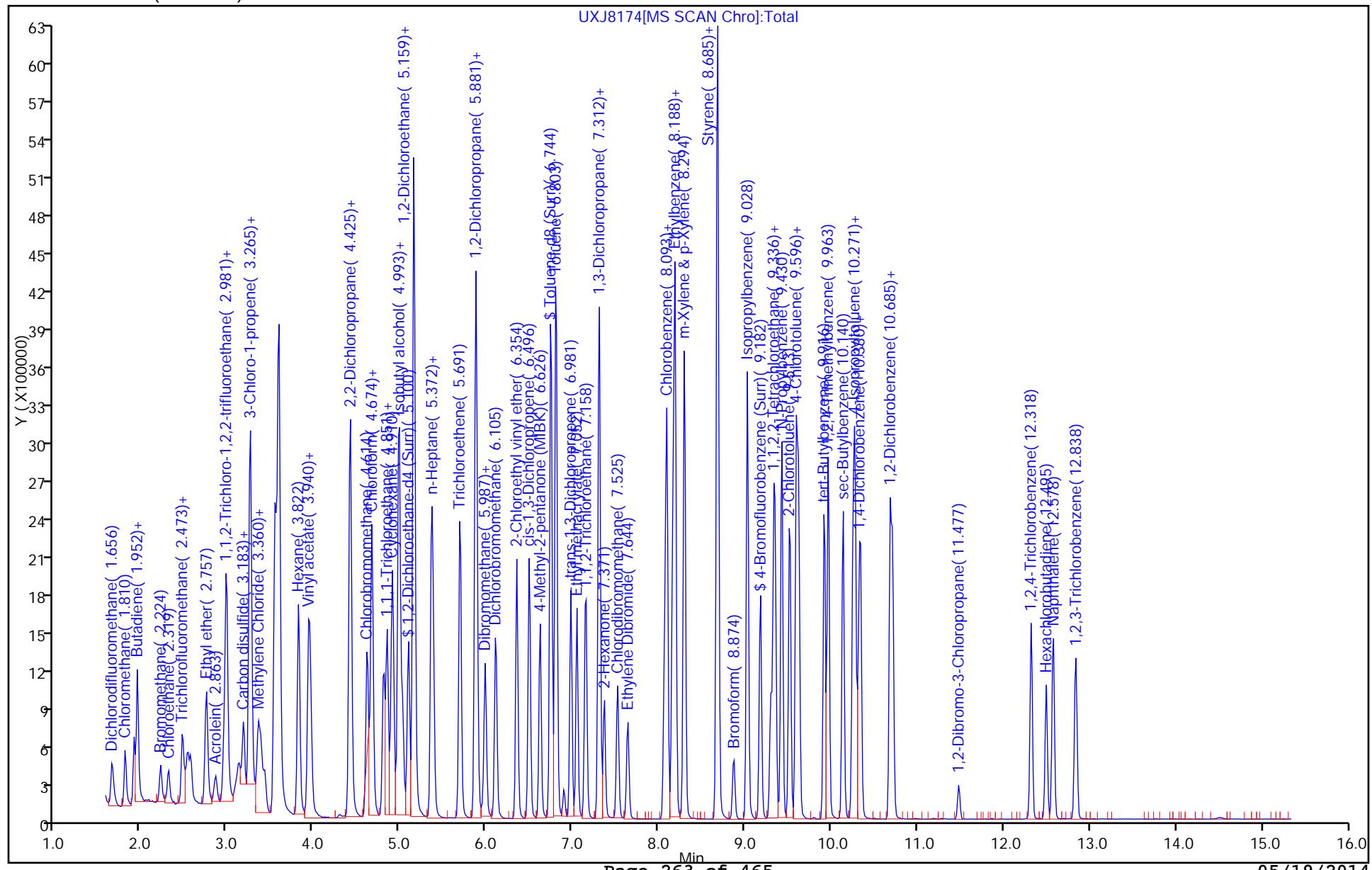
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	98	1055940	20.0	20.3	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	94	1790365	20.0	21.9	
107 1,4-Dichlorobenzene	146	10.342	10.341	0.001	93	1100580	20.0	20.0	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	1465276	20.0	21.7	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	1066602	20.0	20.6	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	71	85249	20.0	20.7	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	94	571463	20.0	20.1	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	96	233170	20.0	19.7	
117 Naphthalene	128	12.578	12.578	0.000	97	1542530	20.0	21.6	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	96	526991	20.0	19.8	
S 130 1,2-Dichloroethene, Total	96				0		40.0	40.5	
S 131 1,3-Dichloropropene, Total	75				0		40.0	42.6	
S 132 Xylenes, Total	106				0		40.0	42.8	
S 133 Trihalomethanes, Total	1				0		80.0	83.0	

Report Date: 10-May-2014 10:11:59

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8174.D
 Injection Date: 09-May-2014 14:46:30 Instrument ID: A3UX11
 Lims ID: STD8260 L5 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 3
 Method: 8260_11
 Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8175.D
 Lims ID: STD8260 L4
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 09-May-2014 15:09:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-004
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:11:59 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

Date:

10-May-2014 08:38:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1344134	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	750904	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	86	278565	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.804	4.804	0.000	96	375745	10.0	9.78	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	91	507860	10.0	9.53	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	1427400	10.0	9.66	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	337660	10.0	9.85	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	98	256320	10.0	9.61	
11 Chloromethane	50	1.810	1.810	0.000	100	265980	10.0	10.0	
12 Vinyl chloride	62	1.916	1.916	0.000	97	278514	10.0	9.83	
124 Butadiene	54	1.952	1.952	0.000	0	240329	10.0	9.77	
14 Bromomethane	94	2.224	2.224	0.000	90	121661	10.0	9.93	
15 Chloroethane	64	2.319	2.319	0.000	98	151801	10.0	9.94	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	96	302580	10.0	9.90	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	97	249102	10.0	9.46	
18 Ethyl ether	59	2.757	2.757	0.000	89	332223	10.0	9.85	
19 Acrolein	56	2.863	2.863	0.000	90	135166	50.0	46.7	
20 1,1-Dichloroethene	96	2.981	2.981	0.000	98	274629	10.0	9.86	
22 Acetone	43	2.981	2.981	0.000	60	230891	20.0	21.9	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	68	147134	10.0	9.64	
24 Iodomethane	142	3.135	3.135	0.000	96	334097	10.0	9.92	
25 Carbon disulfide	76	3.183	3.183	0.000	99	634128	10.0	9.79	
29 Methyl acetate	43	3.265	3.265	0.000	97	1253982	50.0	48.3	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	75	264415	10.0	9.85	
28 Methylene Chloride	84	3.360	3.360	0.000	85	323401	10.0	9.50	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	95	225890	100.0	103.8	
31 Acrylonitrile	53	3.549	3.549	0.000	98	1223598	100.0	98.8	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	85	1148830	10.0	9.98	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	440290	10.0	10.1	
34 Hexane	86	3.822	3.822	0.000	92	89447	10.0	9.79	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	782682	10.0	9.88	
36 Vinyl acetate	43	3.964	3.964	0.000	98	476775	9.60	9.39	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	58	294326	20.0	19.9	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	78	356482	10.0	9.91	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	461312	10.0	9.82	
44 Chlorobromomethane	128	4.626	4.626	0.000	92	217891	10.0	9.82	
46 Tetrahydrofuran	42	4.662	4.662	0.000	85	178059	20.0	18.9	
47 Chloroform	83	4.674	4.674	0.000	95	745732	10.0	9.71	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	477417	10.0	9.92	
50 Cyclohexane	56	4.910	4.910	0.000	87	463785	10.0	9.56	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	549993	10.0	9.60	
52 Carbon tetrachloride	117	4.993	4.993	0.000	81	378794	10.0	9.72	
53 Isobutyl alcohol	41	5.028	5.028	0.000	86	198791	250.0	270.6	
54 Benzene	78	5.159	5.159	0.000	95	1749906	10.0	9.72	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	55	626954	10.0	9.83	
57 n-Heptane	100	5.360	5.360	0.000	87	79349	10.0	9.30	
59 Trichloroethene	130	5.691	5.691	0.000	97	430690	10.0	9.82	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	466393	10.0	9.39	
62 1,2-Dichloropropane	63	5.880	5.880	0.000	94	430525	10.0	10.0	
63 Dibromomethane	93	5.987	5.987	0.000	91	227797	10.0	9.94	
64 1,4-Dioxane	88	5.987	5.987	0.000	34	51879	200.0	169.0	
66 Dichlorobromomethane	83	6.105	6.105	0.000	96	492100	10.0	9.69	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	430358	20.0	20.0	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	575288	10.0	9.89	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	96	508158	20.0	20.3	
71 Toluene	91	6.803	6.803	0.000	92	1675021	10.0	9.75	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	483250	10.0	9.95	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	408296	10.0	10.1	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	92	316928	10.0	9.53	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	580369	10.0	10.0	
75 Tetrachloroethene	164	7.312	7.312	0.000	75	273039	10.0	9.64	
77 2-Hexanone	43	7.371	7.371	0.000	95	325570	20.0	20.6	
78 Chlorodibromomethane	129	7.525	7.525	0.000	90	297185	10.0	10.1	
81 Ethylene Dibromide	107	7.644	7.644	0.000	97	284990	10.0	9.77	
82 Chlorobenzene	112	8.093	8.093	0.000	94	928165	10.0	9.75	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	302013	10.0	9.97	
85 Ethylbenzene	106	8.188	8.188	0.000	98	484730	10.0	9.85	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	576585	10.0	9.72	
88 o-Xylene	106	8.673	8.673	0.000	92	530965	10.0	10.1	
87 Styrene	104	8.685	8.685	0.000	91	905901	10.0	10.0	
89 Bromoform	173	8.874	8.874	0.000	94	123516	10.0	9.92	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	1213707	10.0	9.98	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	97	246150	10.0	9.67	
94 Bromobenzene	156	9.336	9.336	0.000	94	292755	10.0	9.86	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	74	92681	10.0	10.5	
97 trans-1,4-Dichloro-2-butene	53	9.359	9.359	0.000	61	70566	10.0	9.73	
96 N-Propylbenzene	120	9.430	9.430	0.000	97	293290	10.0	10.1	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	248996	10.0	9.93	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	92	831091	10.0	10.2	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	274115	10.0	10.2	
101 tert-Butylbenzene	119	9.927	9.927	0.000	81	658597	10.0	9.78	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	90	848757	10.0	10.2	

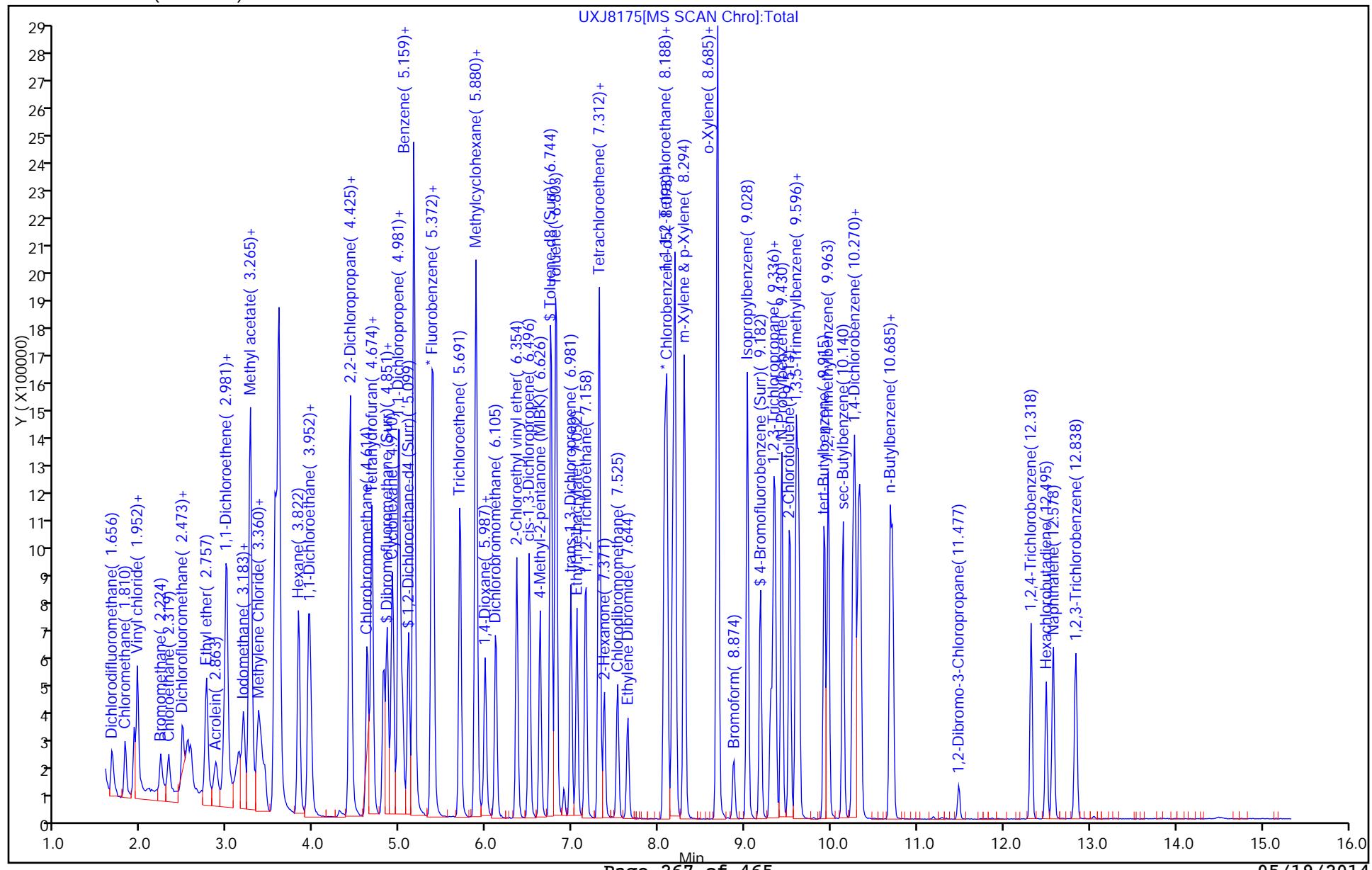
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	896253	10.0	9.74	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	87	472596	10.0	9.73	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	759573	10.0	9.96	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	92	508242	10.0	9.90	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	615856	10.0	9.75	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	474343	10.0	9.80	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	64	39456	10.0	10.3	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	92	262024	10.0	9.84	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	92	107476	10.0	9.71	
117 Naphthalene	128	12.578	12.578	0.000	97	653116	10.0	9.77	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	248107	10.0	10.0	
S 130 1,2-Dichloroethene, Total	96				0		20.0	19.9	
S 131 1,3-Dichloropropene, Total	75				0		20.0	19.8	
S 132 Xylenes, Total	106				0		20.0	19.8	
S 133 Trihalomethanes, Total	1				0		40.0	39.4	

Report Date: 10-May-2014 10:12:00

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8175.D
 Injection Date: 09-May-2014 15:09:30 Instrument ID: A3UX11
 Lims ID: STD8260 L4 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 4
 Method: 8260_11
 Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8176.D
 Lims ID: STD8260 L3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 09-May-2014 15:33:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-005
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:01 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1338341	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	751815	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	263269	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.804	0.011	95	193609	5.00	5.06	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	89	259270	5.00	4.88	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	703880	5.00	4.76	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	87	160833	5.00	4.69	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	96	127555	5.00	4.80	
11 Chloromethane	50	1.810	1.810	0.000	96	124592	5.00	4.73	
12 Vinyl chloride	62	1.916	1.916	0.000	97	135565	5.00	4.81	
124 Butadiene	54	1.952	1.952	0.000	0	118610	5.00	4.84	
14 Bromomethane	94	2.224	2.224	0.000	87	56674	5.00	4.65	
15 Chloroethane	64	2.319	2.319	0.000	96	69682	5.00	4.58	
16 Dichlorofluoromethane	67	2.473	2.473	0.000	95	138676	5.00	4.56	
17 Trichlorofluoromethane	101	2.544	2.532	0.012	94	119598	5.00	4.56	
18 Ethyl ether	59	2.757	2.757	0.000	89	167434	5.00	4.99	
19 Acrolein	56	2.863	2.863	0.000	92	68536	25.0	23.8	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	98	135313	5.00	4.88	
22 Acetone	43	2.981	2.981	0.000	59	130253	10.0	11.2	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	65	70155	5.00	4.62	
24 Iodomethane	142	3.123	3.135	-0.012	96	168741	5.00	5.03	
25 Carbon disulfide	76	3.183	3.183	0.000	99	315575	5.00	4.89	
29 Methyl acetate	43	3.265	3.265	0.000	96	641359	25.0	24.8	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	78	135890	5.00	5.09	
28 Methylene Chloride	84	3.372	3.360	0.012	81	161163	5.00	4.76	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	98	114221	50.0	52.7	
31 Acrylonitrile	53	3.549	3.549	0.000	98	612220	50.0	49.7	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	86	579109	5.00	5.05	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	66	216605	5.00	4.97	
34 Hexane	86	3.822	3.822	0.000	92	41143	5.00	4.52	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	394888	5.00	5.01	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	98	234072	4.80	4.63	
45 2-Butanone (MEK)	43	4.425	4.413	0.012	56	140050	10.0	9.51	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	66	173872	5.00	4.85	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	228338	5.00	4.88	
44 Chlorobromomethane	128	4.626	4.626	0.000	91	107089	5.00	4.85	
46 Tetrahydrofuran	42	4.673	4.662	0.011	86	91933	10.0	9.82	
47 Chloroform	83	4.673	4.674	-0.001	94	375830	5.00	4.92	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	94	235663	5.00	4.92	
50 Cyclohexane	56	4.910	4.910	0.000	89	233870	5.00	4.84	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	93	278658	5.00	4.89	
52 Carbon tetrachloride	117	4.993	4.993	0.000	84	187775	5.00	4.84	
53 Isobutyl alcohol	41	5.028	5.028	0.000	88	93903	125.0	116.8	
54 Benzene	78	5.159	5.159	0.000	95	870731	5.00	4.86	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	56	317183	5.00	4.99	
57 n-Heptane	100	5.360	5.360	0.000	87	38585	5.00	4.54	
59 Trichloroethene	130	5.691	5.691	0.000	98	215937	5.00	4.94	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	232285	5.00	4.70	
62 1,2-Dichloropropane	63	5.892	5.880	0.012	89	204212	5.00	4.77	
63 Dibromomethane	93	5.987	5.987	0.000	92	107819	5.00	4.72	
64 1,4-Dioxane	88	5.999	5.987	0.012	27	27145	100.0	92.4	
66 Dichlorobromomethane	83	6.105	6.105	0.000	98	249267	5.00	4.93	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	210565	10.0	9.81	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	280032	5.00	4.84	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	95	248525	10.0	9.96	
71 Toluene	91	6.803	6.803	0.000	92	805196	5.00	4.68	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	96	228749	5.00	4.70	
73 Ethyl methacrylate	69	7.052	7.052	0.000	87	194713	5.00	4.83	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	159914	5.00	4.80	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	275951	5.00	4.76	
75 Tetrachloroethene	164	7.312	7.312	0.000	74	131848	5.00	4.65	
77 2-Hexanone	43	7.371	7.371	0.000	97	157776	10.0	9.97	
78 Chlorodibromomethane	129	7.525	7.525	0.000	85	141305	5.00	4.79	
81 Ethylene Dibromide	107	7.644	7.644	0.000	98	144143	5.00	4.93	
82 Chlorobenzene	112	8.093	8.093	0.000	90	461208	5.00	4.84	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	90	143777	5.00	4.74	
85 Ethylbenzene	106	8.188	8.188	0.000	98	241924	5.00	4.91	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	284187	5.00	4.79	
88 o-Xylene	106	8.685	8.673	0.012	88	255061	5.00	4.82	
87 Styrene	104	8.685	8.685	0.000	90	421454	5.00	4.67	
89 Bromoform	173	8.874	8.874	0.000	92	60072	5.00	4.82	
90 Isopropylbenzene	105	9.028	9.028	0.000	96	579954	5.00	4.76	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	96	123213	5.00	5.12	
94 Bromobenzene	156	9.336	9.336	0.000	93	141833	5.00	5.05	
95 1,2,3-Trichloropropane	110	9.347	9.348	-0.001	75	44190	5.00	5.27	
97 trans-1,4-Dichloro-2-butene	53	9.347	9.359	-0.012	62	34013	5.00	4.96	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	140544	5.00	5.14	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	120109	5.00	5.07	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	91	380630	5.00	4.93	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	131265	5.00	5.14	
101 tert-Butylbenzene	119	9.915	9.927	-0.012	90	312029	5.00	4.90	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	73	393587	5.00	4.99	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	428411	5.00	4.93	

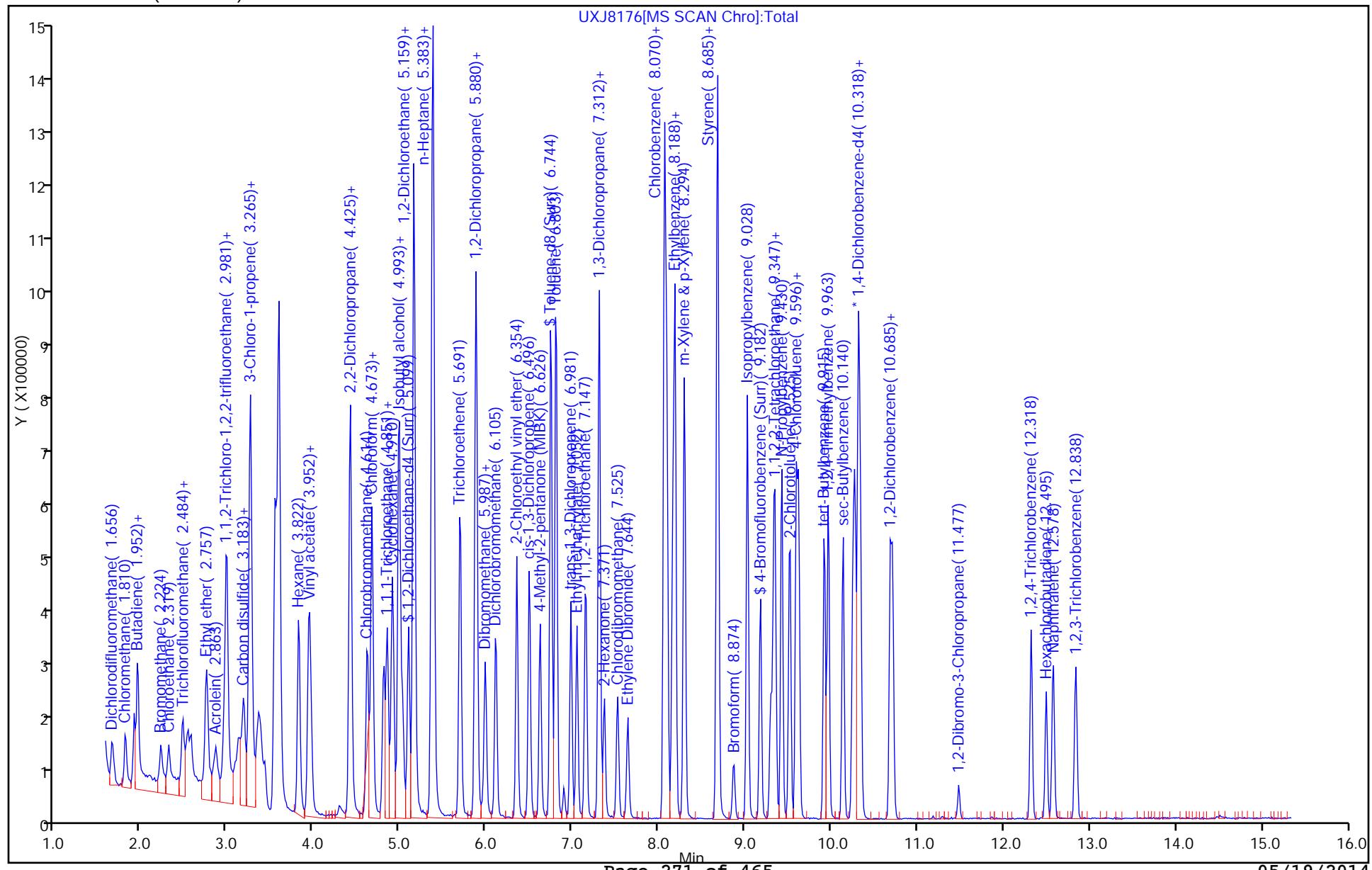
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	94	229432	5.00	5.00	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	90	347913	5.00	4.83	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	90	241259	5.00	4.97	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	282867	5.00	4.74	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	224470	5.00	4.91	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	60	19225	5.00	5.29	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	90	125224	5.00	4.97	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	89	46790	5.00	4.47	
117 Naphthalene	128	12.578	12.578	0.000	96	305589	5.00	4.84	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	116035	5.00	4.94	
S 130 1,2-Dichloroethene, Total	96				0		10.0	9.85	
S 131 1,3-Dichloropropene, Total	75				0		10.0	9.54	
S 132 Xylenes, Total	106				0		10.0	9.61	
S 133 Trihalomethanes, Total	1				0		20.0	19.4	

Report Date: 10-May-2014 10:12:01

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8176.D
 Injection Date: 09-May-2014 15:33:30 Instrument ID: A3UX11
 Lims ID: STD8260 L3 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 5
 Method: 8260_11
 Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8177.D
 Lims ID: STD8260 L2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-May-2014 15:56:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-006
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:02 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

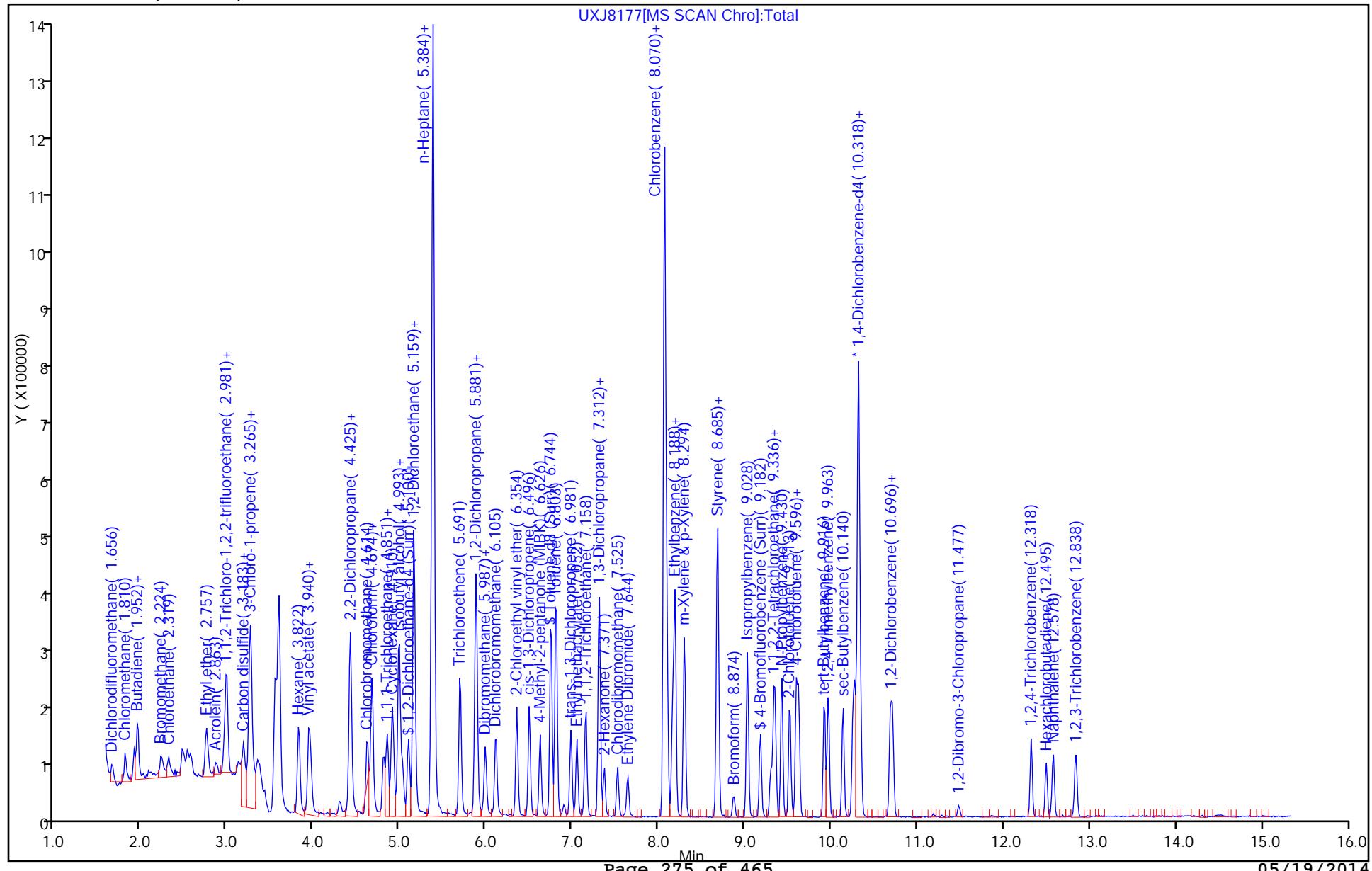
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	99	1308429	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	711104	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	91	243116	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.804	4.804	0.000	96	74581	2.00	1.99	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.099	0.001	87	98437	2.00	1.90	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	93	265522	2.00	1.90	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	83	60395	2.00	1.86	
9 Dichlorodifluoromethane	85	1.668	1.656	0.012	89	55259	2.00	2.13	
11 Chloromethane	50	1.810	1.810	0.000	99	53550	2.00	2.08	
12 Vinyl chloride	62	1.916	1.916	0.000	96	59605	2.00	2.16	
124 Butadiene	54	1.952	1.952	0.000	0	46866	2.00	1.96	
14 Bromomethane	94	2.236	2.224	0.012	73	24771	2.00	2.08	
15 Chloroethane	64	2.319	2.319	0.000	80	28595	2.00	1.92	
16 Dichlorofluoromethane	67	2.484	2.473	0.011	80	59801	2.00	2.01	
17 Trichlorofluoromethane	101	2.532	2.532	0.000	85	51322	2.00	2.00	
18 Ethyl ether	59	2.757	2.757	0.000	83	67229	2.00	2.05	
19 Acrolein	56	2.863	2.863	0.000	86	29230	10.0	10.4	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	96	56270	2.00	2.08	
22 Acetone	43	2.993	2.981	0.012	78	63720	4.00	4.17	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	63	30752	2.00	2.07	
24 Iodomethane	142	3.123	3.135	-0.012	96	66427	2.00	2.03	
25 Carbon disulfide	76	3.183	3.183	0.000	96	131665	2.00	2.09	
29 Methyl acetate	43	3.265	3.265	0.000	96	260196	10.0	10.3	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	78	50791	2.00	1.94	
28 Methylene Chloride	84	3.372	3.360	0.012	83	71091	2.00	2.15	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	92	44631	20.0	21.1	
31 Acrylonitrile	53	3.549	3.549	0.000	99	249163	20.0	20.7	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	90	222702	2.00	1.99	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	67	84566	2.00	1.98	
34 Hexane	86	3.822	3.822	0.000	91	18649	2.00	2.10	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	95	155466	2.00	2.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.964	3.964	0.000	96	90588	1.92	1.83	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	56	61016	4.00	4.24	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	68	72622	2.00	2.07	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	82	94364	2.00	2.06	
44 Chlorobromomethane	128	4.626	4.626	0.000	85	43477	2.00	2.01	
46 Tetrahydrofuran	42	4.674	4.662	0.012	83	41208	4.00	4.50	
47 Chloroform	83	4.674	4.674	0.000	94	152779	2.00	2.04	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	88	97640	2.00	2.08	
50 Cyclohexane	56	4.910	4.910	0.000	88	96836	2.00	2.05	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	93	115931	2.00	2.08	
52 Carbon tetrachloride	117	4.993	4.993	0.000	75	71945	2.00	1.90	
53 Isobutyl alcohol	41	5.029	5.028	0.001	75	45079	50.0	49.1	
54 Benzene	78	5.159	5.159	0.000	95	352793	2.00	2.01	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	56	127307	2.00	2.05	
57 n-Heptane	100	5.360	5.360	0.000	81	17120	2.00	2.06	
59 Trichloroethene	130	5.691	5.691	0.000	96	90130	2.00	2.11	
61 Methylcyclohexane	83	5.881	5.880	0.000	88	95461	2.00	1.97	
62 1,2-Dichloropropane	63	5.881	5.880	0.000	90	83970	2.00	2.01	
63 Dibromomethane	93	5.987	5.987	0.000	87	46769	2.00	2.10	
64 1,4-Dioxane	88	5.987	5.987	0.000	8	10658	40.0	46.0	
66 Dichlorobromomethane	83	6.105	6.105	0.000	91	102755	2.00	2.08	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	92	83402	4.00	3.97	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	81	107549	2.00	1.90	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	94	98855	4.00	4.05	
71 Toluene	91	6.815	6.803	0.012	92	319060	2.00	1.96	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	94	88184	2.00	1.92	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	71352	2.00	1.87	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	87	65159	2.00	2.07	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	90	108953	2.00	1.99	
75 Tetrachloroethene	164	7.312	7.312	0.000	71	56078	2.00	2.09	
77 2-Hexanone	43	7.371	7.371	0.000	95	58713	4.00	3.92	
78 Chlorodibromomethane	129	7.525	7.525	0.000	78	51320	2.00	1.84	
81 Ethylene Dibromide	107	7.644	7.644	0.000	91	53187	2.00	1.92	
82 Chlorobenzene	112	8.093	8.093	0.000	93	175140	2.00	1.94	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	82	55017	2.00	1.92	
85 Ethylbenzene	106	8.188	8.188	0.000	99	89566	2.00	1.92	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	110245	2.00	1.96	
88 o-Xylene	106	8.685	8.673	0.012	88	93921	2.00	1.88	
87 Styrene	104	8.685	8.685	0.000	88	165205	2.00	1.93	
89 Bromoform	173	8.874	8.874	0.000	80	21217	2.00	1.80	
90 Isopropylbenzene	105	9.028	9.028	0.000	94	214392	2.00	1.86	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	83	47400	2.00	2.13	
94 Bromobenzene	156	9.336	9.336	0.000	93	52211	2.00	2.01	
95 1,2,3-Trichloropropane	110	9.348	9.348	0.000	72	15827	2.00	2.05	
97 trans-1,4-Dichloro-2-butene	53	9.348	9.359	-0.011	67	12760	2.00	2.02	
96 N-Propylbenzene	120	9.430	9.430	0.000	96	49683	2.00	1.97	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	43333	2.00	1.98	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	91	135054	2.00	1.90	
100 4-Chlorotoluene	126	9.620	9.620	0.000	97	45121	2.00	1.91	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	80	116183	2.00	1.98	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	96	138410	2.00	1.90	
106 sec-Butylbenzene	105	10.140	10.140	0.000	88	157714	2.00	1.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	81	87055	2.00	2.05	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	88	123581	2.00	1.86	
107 1,4-Dichlorobenzene	146	10.342	10.341	0.001	86	91525	2.00	2.04	
111 n-Butylbenzene	91	10.685	10.685	0.000	89	108581	2.00	1.97	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	90	89544	2.00	2.12	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	30	7012	2.00	2.09	
115 1,2,4-Trichlorobenzene	180	12.318	12.318	0.000	89	47062	2.00	2.02	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	81	22209	2.00	2.30	
117 Naphthalene	128	12.578	12.578	0.000	93	114292	2.00	1.96	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	88	46829	2.00	2.16	
S 130 1,2-Dichloroethene, Total	96				0		4.00	4.05	
S 131 1,3-Dichloropropene, Total	75				0		4.00	3.82	
S 132 Xylenes, Total	106				0		4.00	3.84	
S 133 Trihalomethanes, Total	1				0		8.00	7.76	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8177.D
 Injection Date: 09-May-2014 15:56:30 Instrument ID: A3UX11
 Lims ID: STD8260 L2 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 6
 Method: 8260_11
 Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8178.D
 Lims ID: STD8260 L1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-May-2014 16:18:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-007
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:03 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

Date: 10-May-2014 08:42:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	99	1278724	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	87	689508	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	237059	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.816	4.804	0.012	92	36593	1.00	1.00	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.099	0.001	91	55422	1.00	1.09	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	87	141360	1.00	1.04	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	79	32380	1.00	1.03	
9 Dichlorodifluoromethane	85	1.656	1.656	0.000	84	25875	1.00	1.02	
11 Chloromethane	50	1.810	1.810	0.000	75	26530	1.00	1.05	
12 Vinyl chloride	62	1.916	1.916	0.000	86	26970	1.00	1.00	
124 Butadiene	54	1.952	1.952	0.000	0	24750	1.00	1.06	
14 Bromomethane	94	2.224	2.224	0.000	74	11540	1.00	0.99	
15 Chloroethane	64	2.319	2.319	0.000	60	15616	1.00	1.08	
16 Dichlorofluoromethane	67	2.484	2.473	0.011	56	26896	1.00	0.9247	
17 Trichlorofluoromethane	101	2.544	2.532	0.012	66	25525	1.00	1.02	
18 Ethyl ether	59	2.757	2.757	0.000	75	30643	1.00	0.9550	
19 Acrolein	56	2.863	2.863	0.000	72	15685	5.00	5.70	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	93	26384	1.00	1.00	
22 Acetone	43	2.993	2.981	0.012	94	39428	2.00	1.59	
21 1,1,2-Trichloro-1,2,2-trif	151	2.981	2.993	-0.012	44	14768	1.00	1.02	
24 Iodomethane	142	3.135	3.135	0.000	81	32115	1.00	1.00	
25 Carbon disulfide	76	3.183	3.183	0.000	96	61787	1.00	1.00	
29 Methyl acetate	43	3.265	3.265	0.000	93	133284	5.00	5.40	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	62	25294	1.00	0.99	
28 Methylene Chloride	84	3.384	3.360	0.024	82	37870	1.00	1.17	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	87	21507	10.0	10.4	
31 Acrylonitrile	53	3.549	3.549	0.000	94	115537	10.0	9.81	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	88	103432	1.00	0.9447	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	65	40602	1.00	0.9752	
34 Hexane	86	3.833	3.822	0.011	86	8498	1.00	0.9773	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.940	3.940	0.000	81	74524	1.00	0.9888	
36 Vinyl acetate	43	3.975	3.964	0.011	94	49310	0.9600	1.02	
45 2-Butanone (MEK)	43	4.413	4.413	0.000	51	33863	2.00	2.41	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	53	34190	1.00	1.00	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	82	45461	1.00	1.02	
44 Chlorobromomethane	128	4.626	4.626	0.000	69	22509	1.00	1.07	
46 Tetrahydrofuran	42	4.674	4.662	0.012	48	20623	2.00	2.30	
47 Chloroform	83	4.674	4.674	0.000	81	75531	1.00	1.03	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	87	45030	1.00	0.9838	
50 Cyclohexane	56	4.910	4.910	0.000	88	45463	1.00	0.9851	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	90	56116	1.00	1.03	
52 Carbon tetrachloride	117	4.993	4.993	0.000	76	37396	1.00	1.01	
53 Isobutyl alcohol	41	5.029	5.028	0.001	78	27763	25.0	23.7	
54 Benzene	78	5.159	5.159	0.000	95	177648	1.00	1.04	
55 1,2-Dichloroethane	62	5.171	5.159	0.011	53	62569	1.00	1.03	
57 n-Heptane	100	5.360	5.360	0.000	85	8438	1.00	1.04	
59 Trichloroethene	130	5.703	5.691	0.012	91	41416	1.00	0.99	
61 Methylcyclohexane	83	5.880	5.880	0.000	86	49836	1.00	1.05	
62 1,2-Dichloropropane	63	5.892	5.880	0.012	87	42332	1.00	1.04	
63 Dibromomethane	93	5.987	5.987	0.000	84	22844	1.00	1.05	
64 1,4-Dioxane	88	5.999	5.987	0.012	1	4583	20.0	29.3	
66 Dichlorobromomethane	83	6.117	6.105	0.012	95	47659	1.00	0.9860	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	91	39872	2.00	1.94	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	76	53811	1.00	0.9728	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	89	46412	2.00	1.95	
71 Toluene	91	6.815	6.803	0.012	90	156676	1.00	0.99	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	87	40756	1.00	0.9137	
73 Ethyl methacrylate	69	7.052	7.052	0.000	80	33518	1.00	0.9072	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	82	32864	1.00	1.08	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	85	54338	1.00	1.02	
75 Tetrachloroethene	164	7.312	7.312	0.000	71	26150	1.00	1.01	
77 2-Hexanone	43	7.371	7.371	0.000	86	27885	2.00	1.92	
78 Chlorodibromomethane	129	7.525	7.525	0.000	73	25754	1.00	0.9510	
81 Ethylene Dibromide	107	7.644	7.644	0.000	69	28083	1.00	1.05	
82 Chlorobenzene	112	8.093	8.093	0.000	90	91206	1.00	1.04	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	77	27439	1.00	0.9862	
85 Ethylbenzene	106	8.188	8.188	0.000	97	42396	1.00	0.9385	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	51630	1.00	0.9480	
88 o-Xylene	106	8.673	8.673	0.000	91	44292	1.00	0.9132	
87 Styrene	104	8.685	8.685	0.000	85	75690	1.00	0.9142	
89 Bromoform	173	8.874	8.874	0.000	61	10965	1.00	0.9588	
90 Isopropylbenzene	105	9.028	9.028	0.000	92	103174	1.00	0.9238	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	68	23246	1.00	1.07	
94 Bromobenzene	156	9.336	9.336	0.000	93	27110	1.00	1.07	
95 1,2,3-Trichloropropene	110	9.359	9.348	0.011	64	7507	1.00	0.99	
97 trans-1,4-Dichloro-2-butene	53	9.348	9.359	-0.011	53	6424	1.00	1.04	
96 N-Propylbenzene	120	9.430	9.430	0.000	92	21788	1.00	0.8847	
98 2-Chlorotoluene	126	9.525	9.525	0.000	90	21281	1.00	1.00	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	87	64915	1.00	0.9347	
100 4-Chlorotoluene	126	9.620	9.620	0.000	88	22506	1.00	0.9795	
101 tert-Butylbenzene	119	9.916	9.927	-0.011	81	56997	1.00	0.99	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	58	64072	1.00	0.9025	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	78	76380	1.00	0.9754	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	72	41488	1.00	1.00	
105 4-Isopropyltoluene	119	10.270	10.282	-0.012	73	58221	1.00	0.8969	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	81	44029	1.00	1.01	
111 n-Butylbenzene	91	10.685	10.685	0.000	84	48479	1.00	0.9021	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	82	39068	1.00	0.9486	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	9	2633	1.00	0.8052	
115 1,2,4-Trichlorobenzene	180	12.329	12.318	0.011	69	23172	1.00	1.02	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	51	10149	1.00	1.08	
117 Naphthalene	128	12.578	12.578	0.000	81	54428	1.00	0.9571	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	80	20682	1.00	0.9786	
S 130 1,2-Dichloroethene, Total	96				0		2.00	1.99	
S 131 1,3-Dichloropropene, Total	75				0		2.00	1.89	
S 132 Xylenes, Total	106				0		2.00	1.86	
S 133 Trihalomethanes, Total	1				0		4.00	3.93	

Data File: \\\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8178.D

Injection Date: 09-May-2014 16:18:30

Instrument ID: A3UX11

Lims ID: STD8260 L1

Operator ID: 43582

Client ID:

Worklist Smp#: 7

Purge Vol: 5.000 mL

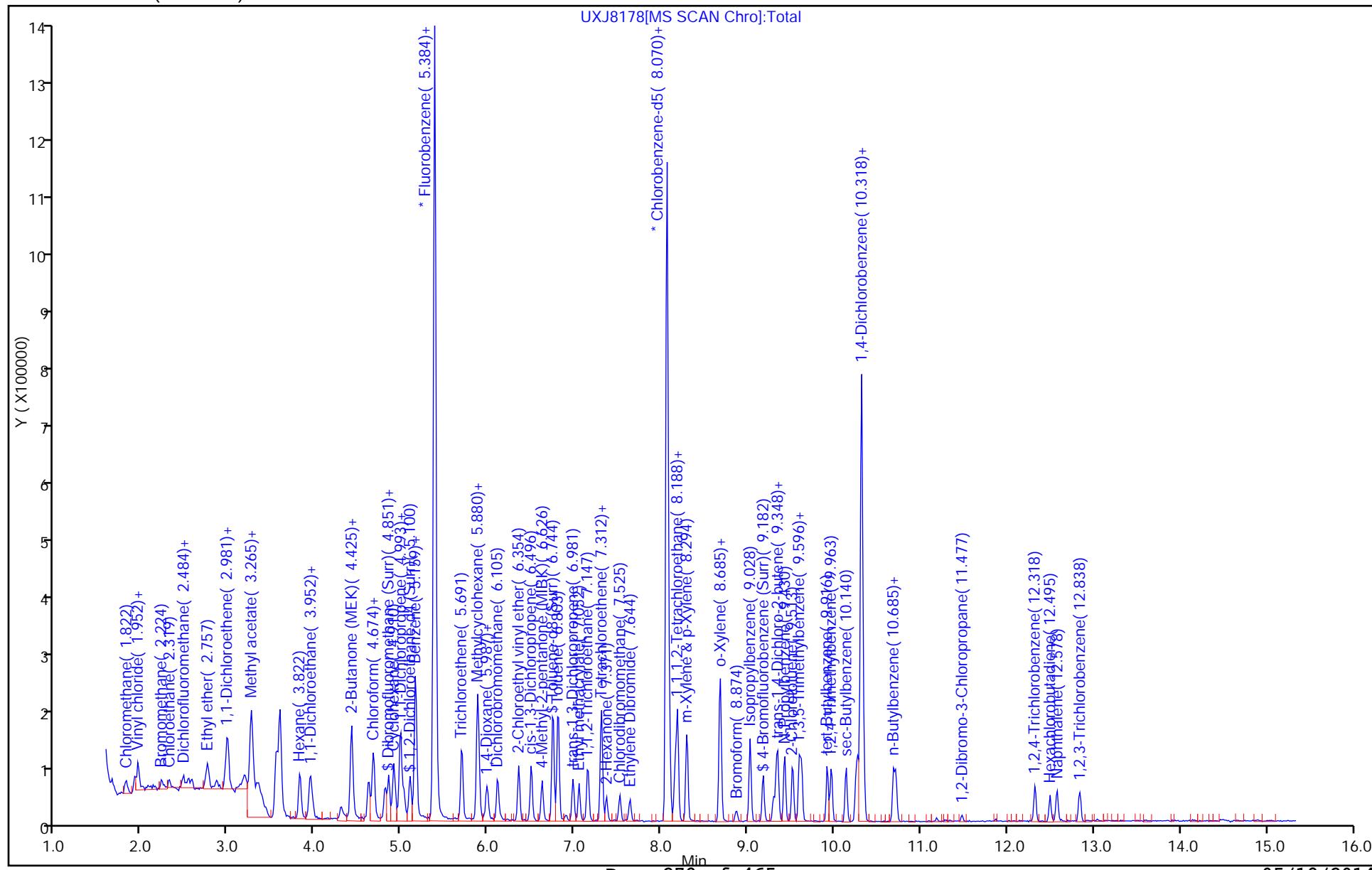
Method: 8260_11

Column: DB-624 (0.18 mm)

Dil. Factor: 1.0000

Limit Group: MSV 8260B ICAL

ALS Bottle#: 6



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-130073/13	UXJ8184.D
Level 2	STD2 240-130073/12	UXJ8183.D
Level 3	STD3 240-130073/11	UXJ8182.D
Level 4	STD4 240-130073/10	UXJ8181.D
Level 5	STD5 240-130073/9	UXJ8180.D
Level 6	STD6 240-130073/8	UXJ8179.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0277 0.0223	0.0216	0.0227	0.0214	0.0220	Ave		0.0230				10.0		15.0			
Isopropyl ether	0.2827 0.3004	0.2865	0.2864	0.2854	0.2815	Ave		0.2871				2.4		15.0			
Chloroprene	0.5012 0.4963	0.4541	0.4720	0.4585	0.4687	Ave		0.4751				4.1		15.0			
Tert-butyl ethyl ether	0.9343 0.9499	0.8978	0.9052	0.8744	0.8644	Ave		0.9043				3.7		15.0			
Ethyl acetate	0.1887 0.1695	0.1582	0.1635	0.1618	0.1606	Ave		0.1671				6.7		15.0			
Propionitrile	0.0329 0.0322	0.0314	0.0324	0.0305	0.0305	Ave		0.0316				3.2		15.0			
Methacrylonitrile	0.1641 0.1743	0.1595	0.1594	0.1607	0.1630	Ave		0.1635				3.4		15.0			
Tert-amyl methyl ether	0.8919 0.8794	0.8020	0.8225	0.8007	0.8058	Ave		0.8337				4.9		15.0			
n-Butanol	0.0085 0.0057	0.0070	0.0073	0.0077	0.0068	Ave		0.0072				13.0		15.0			
Ethyl acrylate	0.2964 0.2966	0.2633	0.2979	0.3000	0.2730	Ave		0.2879				5.4		15.0			
Methyl methacrylate	0.2119 0.2327	0.2029	0.2240	0.2220	0.2145	Ave		0.2180				4.8		15.0			
2-Nitropropane	0.0479 0.0531	0.0454	0.0495	0.0452	0.0489	Ave		0.0483				6.1		15.0			
1-Chlorohexane	0.4771 0.4895	0.4232	0.4406	0.4391	0.4716	Ave		0.4568				5.7		15.0			
Cyclohexanone	0.0129 0.0155	0.0201	0.0194	0.0178	0.0187	Qua	-0.079	0.0214	0					0.9990		0.9900	
Pentachloroethane	0.0580 0.1391	0.0898	0.1056	0.0948	0.0975	Qua	0.1563	0.0597	0.0010					0.9980		0.9900	

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trimethylbenzene	2.6179 3.3854	2.6368	2.7825	2.8715	2.9889	Ave		2.8805				9.9		15.0			
Benzyl chloride	0.1959 0.3121	0.2046	0.2167	0.2239	0.2650	Qua	-0.047	0.2140	0.0025						1.0000		0.9900
1,3,5-Trichlorobenzene	1.0539 1.0912	1.0349	1.1024	1.0556	1.0440	Ave		1.0637				2.5		15.0			
2-Methylnaphthalene	1.0972 1.1684	1.0548	1.0427	1.1354	1.2028	Ave		1.1169				5.7		15.0			
n-Butyl acetate	0.1915 0.2038	0.1748	0.1878	0.1853	0.1876	Ave		0.1885				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-130073/13	UXJ8184.D
Level 2	STD2 240-130073/12	UXJ8183.D
Level 3	STD3 240-130073/11	UXJ8182.D
Level 4	STD4 240-130073/10	UXJ8181.D
Level 5	STD5 240-130073/9	UXJ8180.D
Level 6	STD6 240-130073/8	UXJ8179.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	35072 1194890	55544	145206	285398	606832	10.0 400	20.0	50.0	100	200
Isopropyl ether	FB	Ave	35795 1607487	73711	183210	380107	775061	1.00 40.0	2.00	5.00	10.0	20.0
Chloroprene	FB	Ave	63460 2656387	116848	301888	610646	1290485	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	118302 5083884	231015	578959	1164417	2380026	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	47790 1814694	81426	209189	430988	884408	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	41670 1724243	80866	206961	406007	838500	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	207770 9329657	410491	1019369	2139980	4489028	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	112938 4706488	206341	526106	1066254	2218662	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	15067 458789	24758	66766	146960	276083	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	37525 1587255	67748	190555	399528	751669	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	53659 2490405	104396	286556	591264	1181270	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	12137 567935	23369	63343	120319	269535	2.00 80.0	4.00	10.0	20.0	40.0
1-Chlorohexane	CBZ	Ave	33890 1574850	59833	160277	335464	768264	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexanone	DCB	Qua	2801 149174	8714	21446	40819	89255	10.0 400	20.0	50.0	100	200
Pentachloroethane	CBZ	Qua	8242 894829	25392	76841	144796	317627	2.00 80.0	4.00	10.0	20.0	40.0
1,2,3-Trimethylbenzene	DCB	Ave	56747 3255592	114291	307285	658791	1429711	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 130073

SDG No.: _____

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/09/2014 16:42 Calibration End Date: 05/09/2014 18:38 Calibration ID: 22048

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl chloride	DCB	Qua	4247 300135	8868	23935	51378	126778	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	22846 1049385	44856	121747	242181	499398	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	47566 2247269	91436	230298	520977	1150645	2.00 80.0	4.00	10.0	20.0	40.0
n-Butyl acetate	FB	Ave	24252 1090545	44964	120115	246721	516527	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8179.D
 Lims ID: STD6 A9 L6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-May-2014 16:42:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-008
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:04 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1337965	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	82	804368	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	93	240412	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	100	1194890	400.0	388.9	
37 Isopropyl ether	87	3.987	3.987	0.000	92	1607487	40.0	41.8	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	2656387	40.0	41.8	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	97	5083884	40.0	42.0	
42 Ethyl acetate	43	4.460	4.461	-0.001	100	1814694	80.0	81.2	
43 Propionitrile	54	4.460	4.461	-0.001	89	1724243	400.0	407.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	9329657	400.0	426.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	98	4706488	40.0	42.2	
58 n-Butanol	56	5.585	5.585	0.000	90	458789	1000.0	795.7	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	1587255	40.0	41.2	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	2490405	80.0	85.4	
68 2-Nitropropane	41	6.295	6.295	0.000	99	567935	80.0	87.8	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	1090545	40.0	43.3	
83 1-Chlorohexane	91	8.058	8.058	0.000	97	1574850	40.0	42.9	
92 Cyclohexanone	55	9.123	9.123	0.000	91	149174	400.0	398.6	
103 Pentachloroethane	167	9.939	9.939	0.000	0	894829	80.0	80.2	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	99	3255592	40.0	47.0	
110 Benzyl chloride	126	10.472	10.472	0.000	0	300135	40.0	40.0	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	1049385	40.0	41.0	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	90	2247269	80.0	83.7	

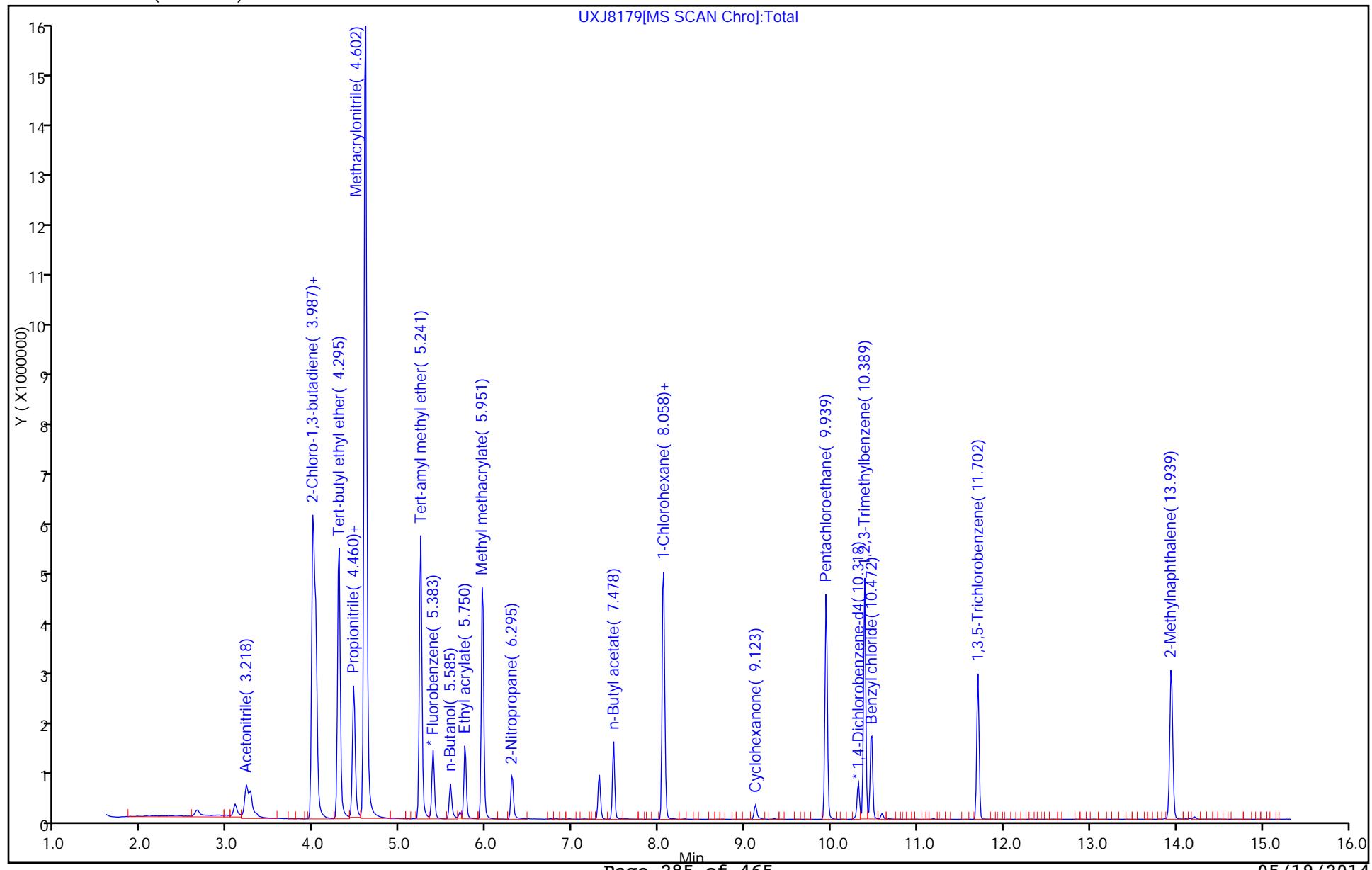
Report Date: 10-May-2014 10:12:04

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8179.D
Injection Date: 09-May-2014 16:42:30 Instrument ID: A3UX11
Lims ID: STD6 A9 L6 Operator ID: 43582
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 8



TestAmerica Canton
Target Compound Quantitation Report

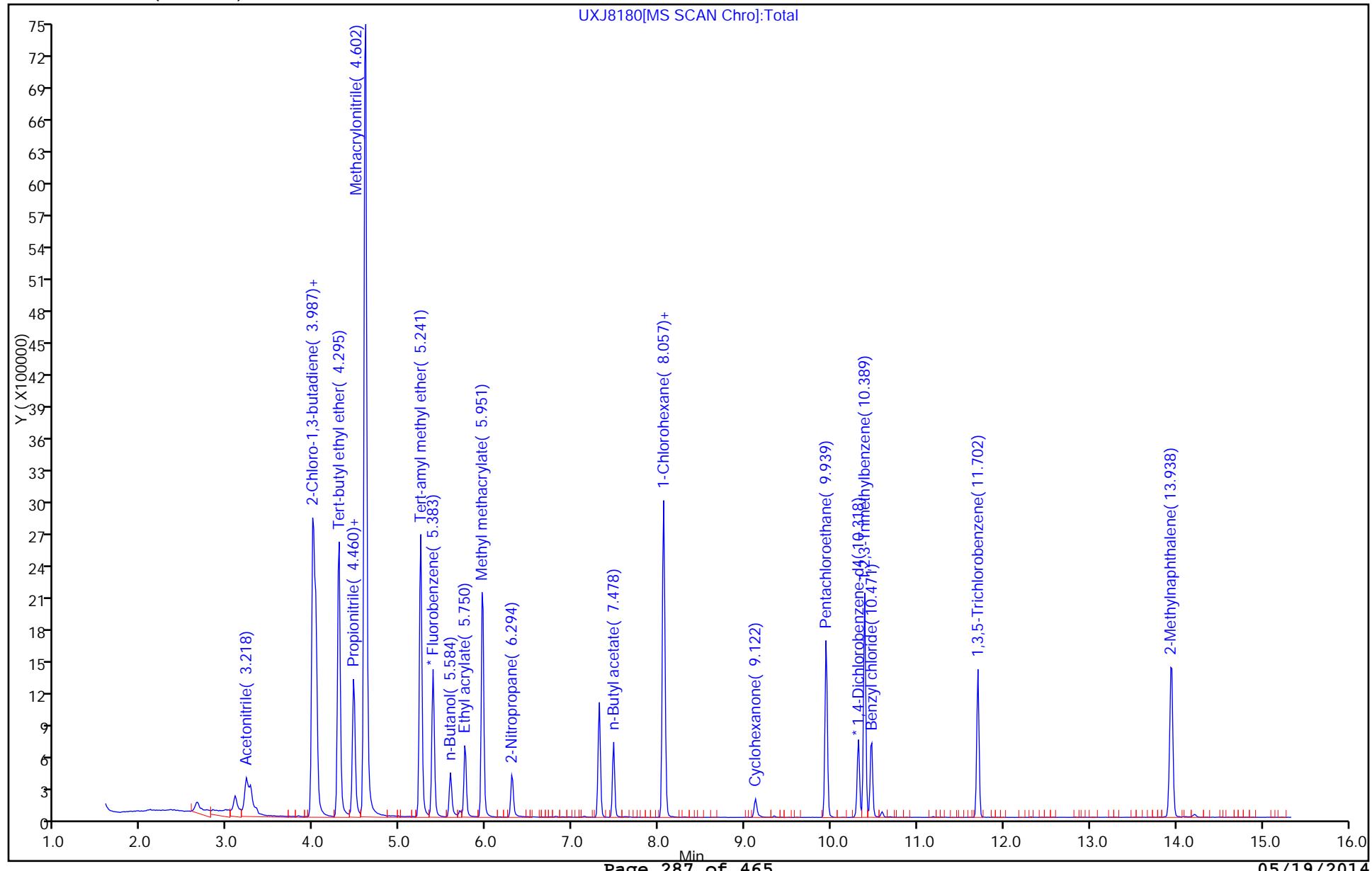
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 Lims ID: STD5 A9 L5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-May-2014 17:05:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-009
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:05 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1376702	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	814457	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	239168	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	100	606832	200.0	191.9	
37 Isopropyl ether	87	3.987	3.987	0.000	91	775061	20.0	19.6	
38 2-Chloro-1,3-butadiene	53	4.022	4.023	-0.001	92	1290485	20.0	19.7	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	97	2380026	20.0	19.1	
42 Ethyl acetate	43	4.460	4.461	-0.001	99	884408	40.0	38.5	
43 Propionitrile	54	4.460	4.461	-0.001	90	838500	200.0	192.5	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	4489028	200.0	199.4	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	2218662	20.0	19.3	
58 n-Butanol	56	5.584	5.585	-0.001	89	276083	500.0	472.9	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	751669	20.0	19.0	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	1181270	40.0	39.4	
68 2-Nitropropane	41	6.294	6.295	-0.001	97	269535	40.0	40.5	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	516527	20.0	19.9	
83 1-Chlorohexane	91	8.057	8.058	-0.001	98	768264	20.0	20.6	
92 Cyclohexanone	55	9.122	9.123	-0.001	92	89255	200.0	205.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	317627	40.0	38.6	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	-0.001	98	1429711	20.0	20.8	
110 Benzyl chloride	126	10.471	10.472	-0.001	0	126778	20.0	20.2	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	499398	20.0	19.6	
119 2-Methylnaphthalene	142	13.950	13.939	0.011	89	1150645	40.0	43.1	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8180.D
Injection Date: 09-May-2014 17:05:30 Instrument ID: A3UX11
Lims ID: STD5 A9 L5 Operator ID: 43582
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 9



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8181.D
 Lims ID: STD4 A9 L4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 09-May-2014 17:29:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-010
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:06 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle Date: 10-May-2014 08:39:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1331696	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	84	763928	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	229427	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	98	285398	100.0	93.3	
37 Isopropyl ether	87	3.987	3.987	0.000	91	380107	10.0	9.94	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	610646	10.0	9.65	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1164417	10.0	9.67	
42 Ethyl acetate	43	4.461	4.461	0.000	99	430988	20.0	19.4	
43 Propionitrile	54	4.461	4.461	0.000	90	406007	100.0	96.4	
48 Methacrylonitrile	41	4.603	4.603	0.000	93	2139980	100.0	98.3	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	98	1066254	10.0	9.60	
58 n-Butanol	56	5.585	5.585	0.000	90	146960	250.0	268.4	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	399528	10.0	10.4	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	591264	20.0	20.4	
68 2-Nitropropane	41	6.295	6.295	0.000	99	120319	20.0	18.7	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	246721	10.0	9.83	
83 1-Chlorohexane	91	8.058	8.058	0.000	93	335464	10.0	9.61	
92 Cyclohexanone	55	9.123	9.123	0.000	90	40819	100.0	92.3	
103 Pentachloroethane	167	9.939	9.939	0.000	0	144796	20.0	21.6	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	99	658791	10.0	9.97	
110 Benzyl chloride	126	10.472	10.472	0.000	0	51378	10.0	9.61	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	242181	10.0	9.92	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	91	520977	20.0	20.3	

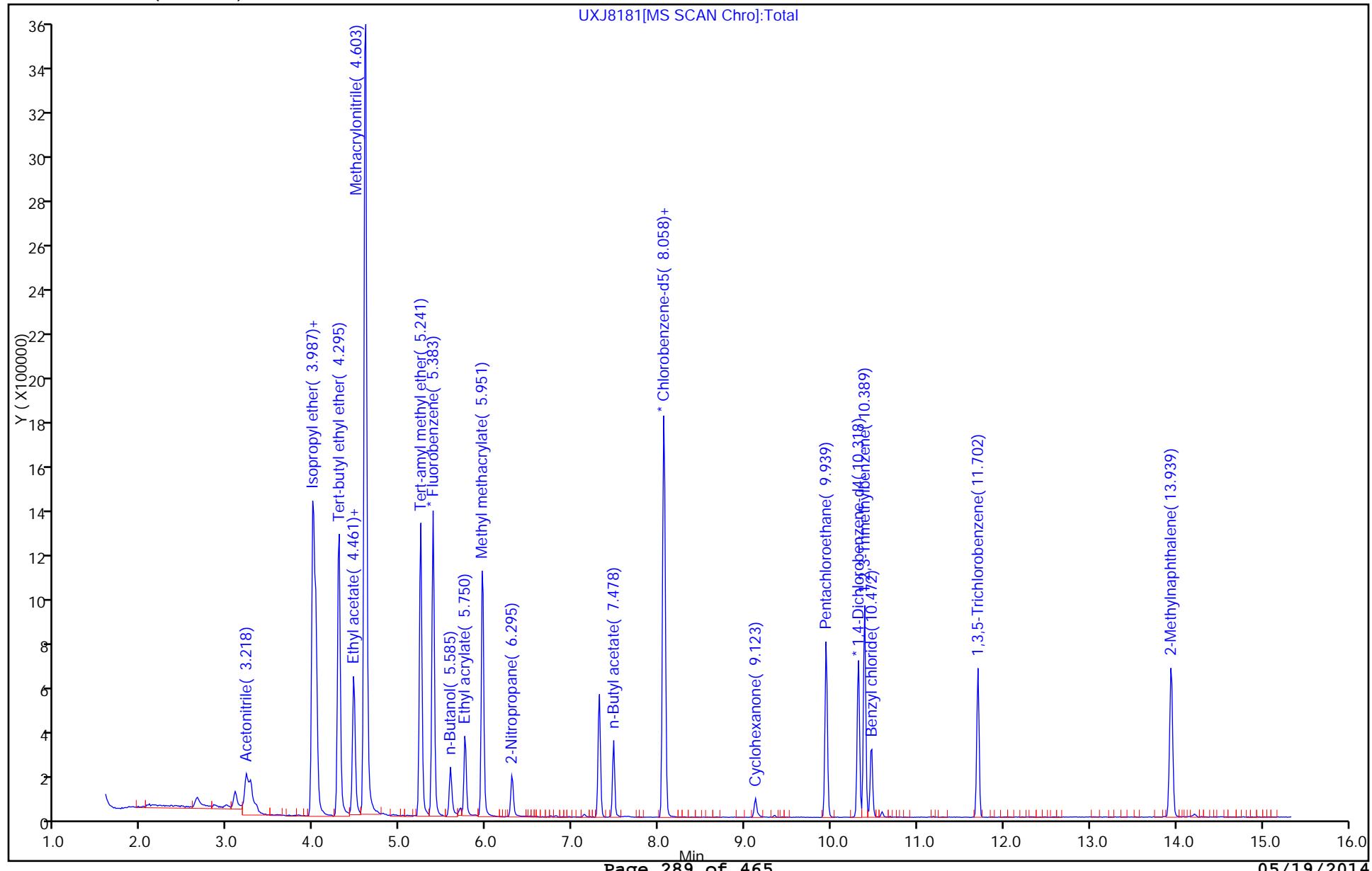
Report Date: 10-May-2014 10:12:06

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8181.D
Injection Date: 09-May-2014 17:29:30 Instrument ID: A3UX11
Lims ID: STD4 A9 L4 Operator ID: 43582
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 10



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8182.D
 Lims ID: STD3 A9 L3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 09-May-2014 17:51:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-011
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:07 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1279244	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	727504	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	220868	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	99	145206	50.0	49.4	
37 Isopropyl ether	87	3.999	3.987	0.012	89	183210	5.00	4.99	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	301888	5.00	4.97	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	578959	5.00	5.00	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	209189	10.0	9.79	
43 Propionitrile	54	4.460	4.461	-0.001	96	206961	50.0	51.1	
48 Methacrylonitrile	41	4.602	4.603	0.000	93	1019369	50.0	48.7	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	526106	5.00	4.93	
58 n-Butanol	56	5.585	5.585	0.000	92	66766	125.0	128.0	
60 Ethyl acrylate	55	5.750	5.750	0.000	97	190555	5.00	5.17	
65 Methyl methacrylate	41	5.951	5.951	0.000	88	286556	10.0	10.3	
68 2-Nitropropane	41	6.295	6.295	0.000	96	63343	10.0	10.2	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	120115	5.00	4.98	
83 1-Chlorohexane	91	8.058	8.058	0.000	94	160277	5.00	4.82	
92 Cyclohexanone	55	9.123	9.123	0.000	78	21446	50.0	50.7	
103 Pentachloroethane	167	9.939	9.939	0.000	0	76841	10.0	12.5	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	307285	5.00	4.83	
110 Benzyl chloride	126	10.472	10.472	0.000	0	23935	5.00	4.99	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	121747	5.00	5.18	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	230298	10.0	9.34	

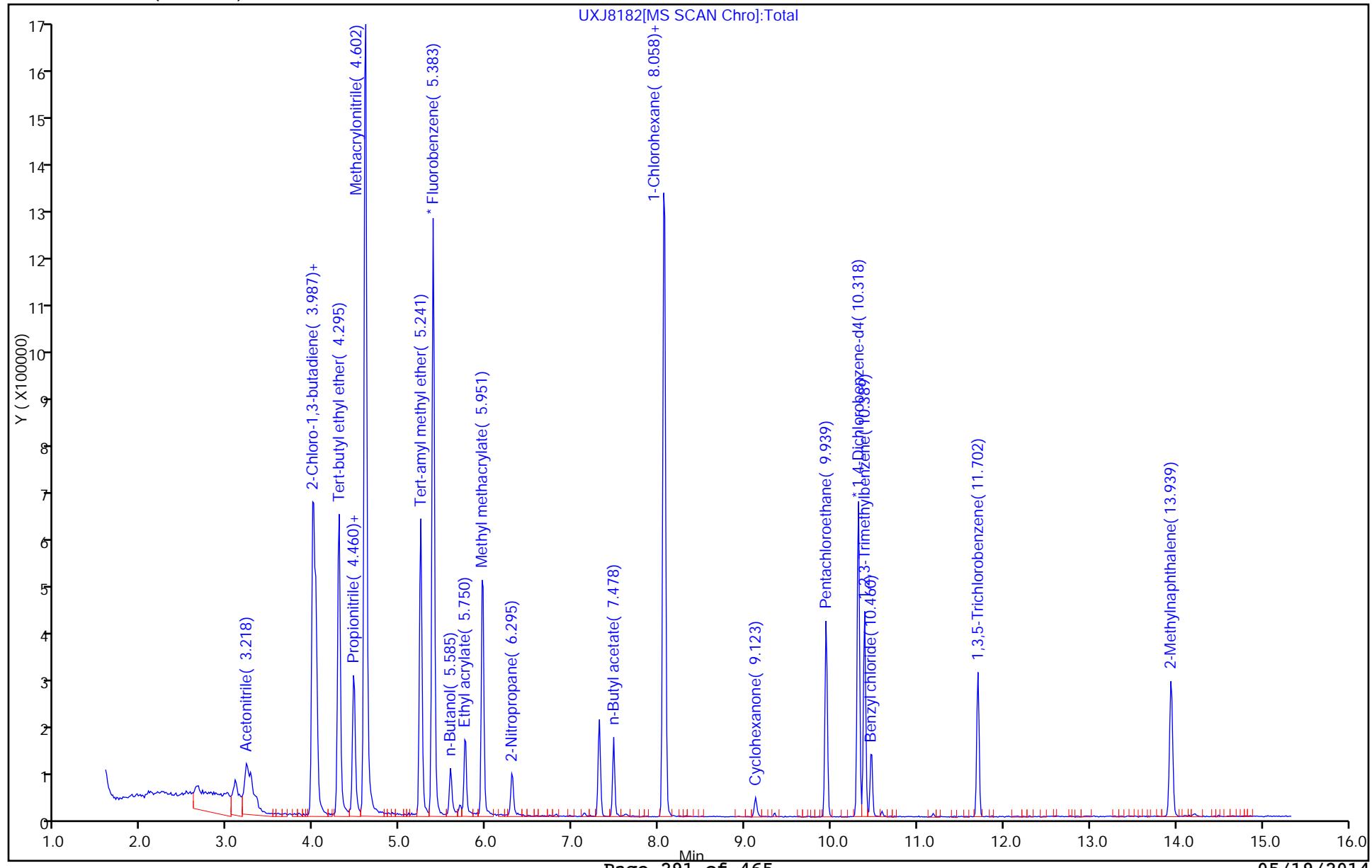
Report Date: 10-May-2014 10:12:07

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8182.D
Injection Date: 09-May-2014 17:51:30 Instrument ID: A3UX11
Lims ID: STD3 A9 L3 Operator ID: 43582
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 11



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8183.D
 Lims ID: STD2 A9 L2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-May-2014 18:15:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-012
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:08 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

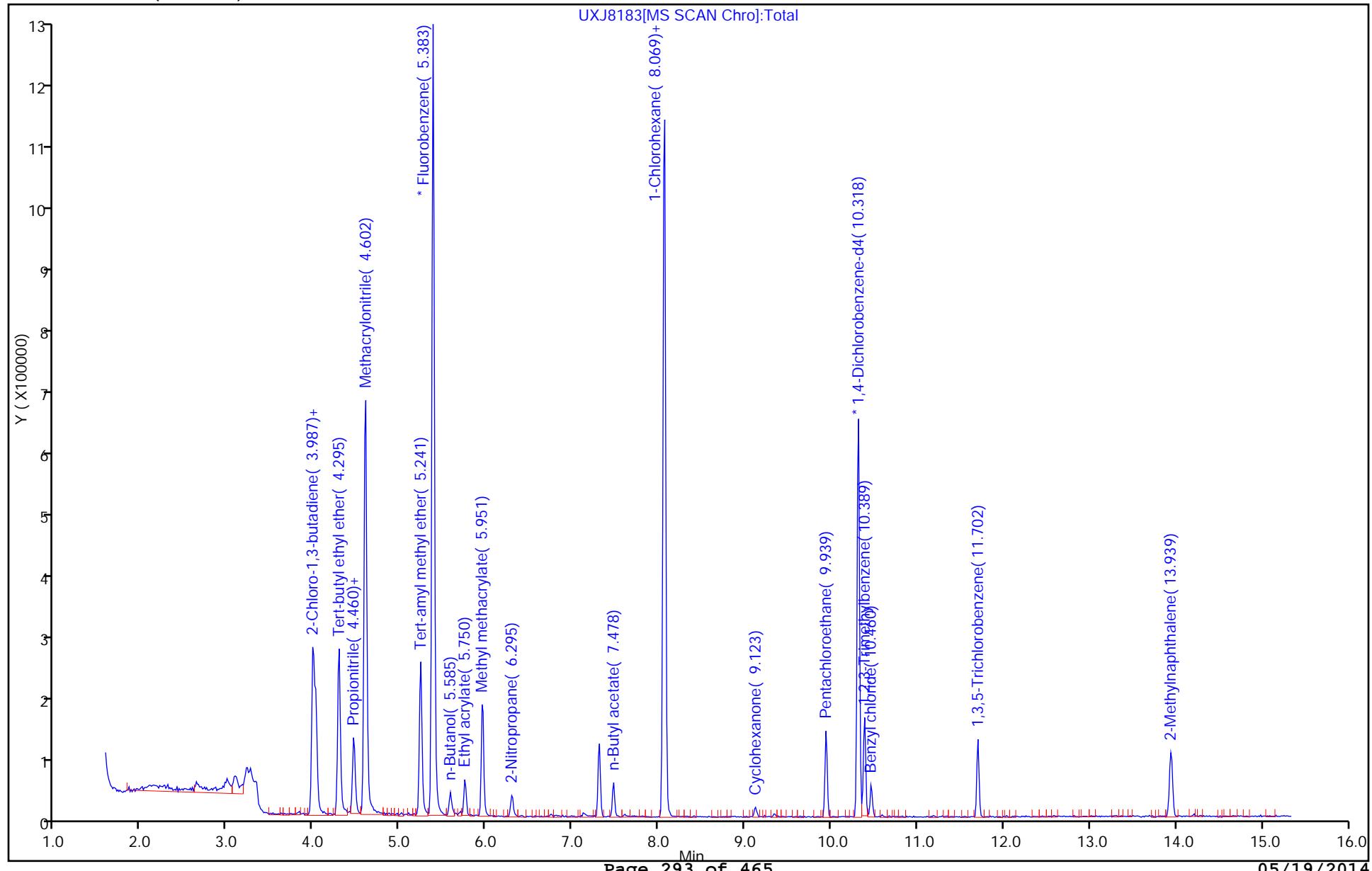
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1286492	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	706985	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	92	216723	10.0	10.0	
27 Acetonitrile	41	3.218	3.218	0.000	96	55544	20.0	18.8	
37 Isopropyl ether	87	3.987	3.987	0.000	90	73711	2.00	2.00	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	92	116848	2.00	1.91	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	231015	2.00	1.99	
42 Ethyl acetate	43	4.460	4.461	-0.001	95	81426	4.00	3.79	
43 Propionitrile	54	4.460	4.461	-0.001	89	80866	20.0	19.9	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	410491	20.0	19.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	206341	2.00	1.92	
58 n-Butanol	56	5.585	5.585	0.000	88	24758	50.0	48.9	
60 Ethyl acrylate	55	5.750	5.750	0.000	91	67748	2.00	1.83	
65 Methyl methacrylate	41	5.951	5.951	0.000	91	104396	4.00	3.72	
68 2-Nitropropane	41	6.295	6.295	-0.001	89	23369	4.00	3.76	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	44964	2.00	1.85	
83 1-Chlorohexane	91	8.058	8.058	0.000	87	59833	2.00	1.85	
92 Cyclohexanone	55	9.123	9.123	0.000	56	8714	20.0	22.8	
103 Pentachloroethane	167	9.951	9.939	0.012	0	25392	4.00	3.23	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	91	114291	2.00	1.83	
110 Benzyl chloride	126	10.472	10.472	0.000	0	8868	2.00	2.08	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	90	44856	2.00	1.95	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	85	91436	4.00	3.78	

Report Date: 10-May-2014 10:12:08

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8183.D
Injection Date: 09-May-2014 18:15:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: STD2 A9 L2 Worklist Smp#: 12
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 11
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Lims ID: STD1 A9 L1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-May-2014 18:38:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-013
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub46
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:34 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

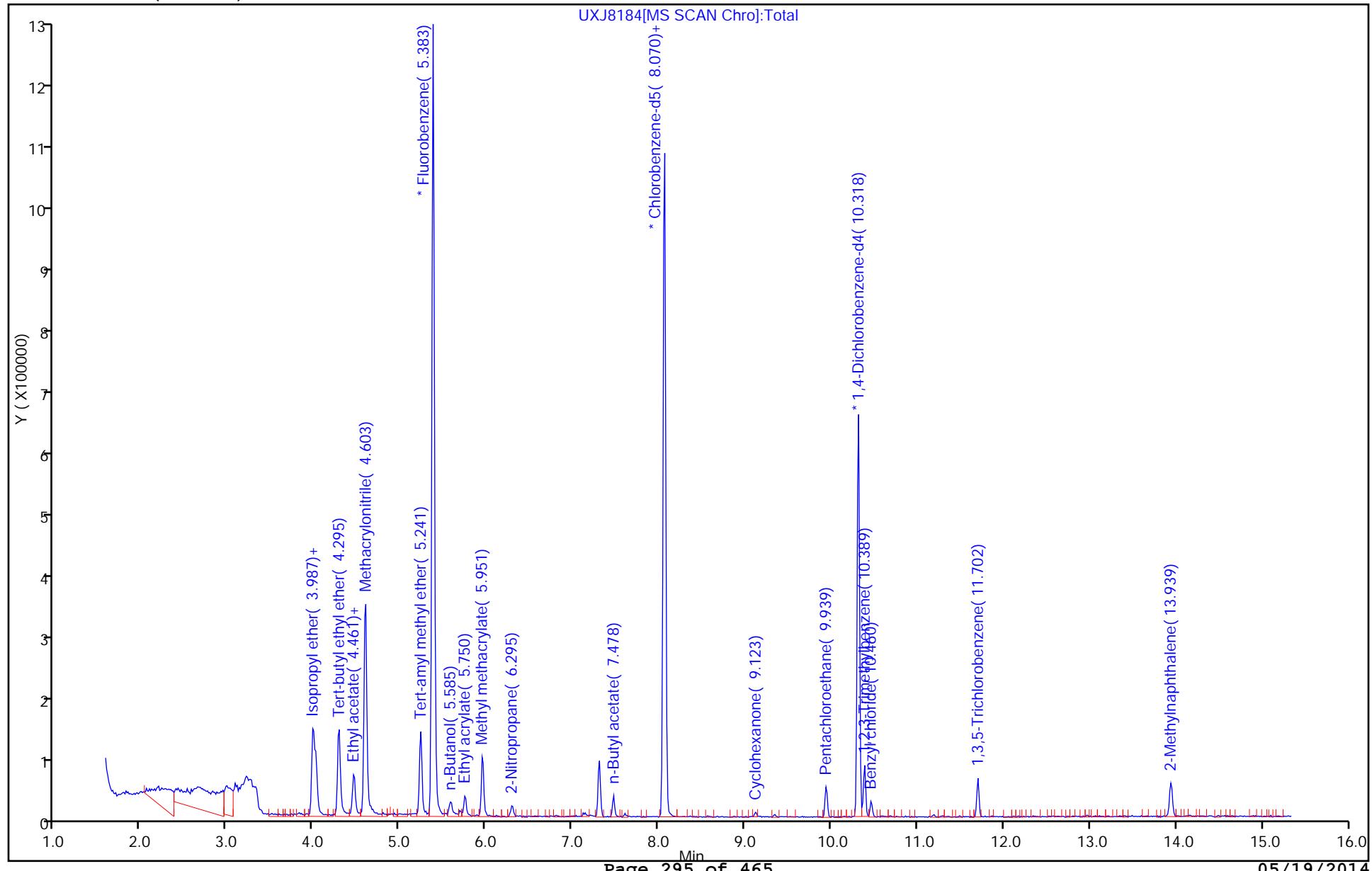
Date:

10-May-2014 10:12:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1266239	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	83	710382	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	216767	10.0	10.0	
27 Acetonitrile	41	3.230	3.218	0.012	91	35072	10.0	12.1	
37 Isopropyl ether	87	3.987	3.987	0.000	90	35795	1.00	0.9845	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	86	63460	1.00	1.05	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	118302	1.00	1.03	
42 Ethyl acetate	43	4.461	4.461	-0.001	96	47790	2.00	2.26	
43 Propionitrile	54	4.461	4.461	-0.001	88	41670	10.0	10.4	
48 Methacrylonitrile	41	4.603	4.603	0.000	90	207770	10.0	10.0	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	96	112938	1.00	1.07	
58 n-Butanol	56	5.585	5.585	0.000	72	15067	25.0	29.6	
60 Ethyl acrylate	55	5.750	5.750	0.000	85	37525	1.00	1.03	
65 Methyl methacrylate	41	5.951	5.951	0.000	82	53659	2.00	1.94	
68 2-Nitropropane	41	6.295	6.295	0.000	84	12137	2.00	1.98	
79 n-Butyl acetate	43	7.478	7.478	0.000	93	24252	1.00	1.02	
83 1-Chlorohexane	91	8.058	8.058	0.000	87	33890	1.00	1.04	
92 Cyclohexanone	55	9.123	9.123	0.000	41	2801	10.0	9.78	
103 Pentachloroethane	167	9.951	9.939	0.012	0	8242	2.00	-0.6825	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	80	56747	1.00	0.9088	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	4247	1.00	1.12	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	74	22846	1.00	0.99	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	71	47566	2.00	1.96	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
Injection Date: 09-May-2014 18:38:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: STD1 A9 L1 Worklist Smp#: 13
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-121946/7	UXR1543.D
Level 2	STD8260 240-121946/6	UXR1542.D
Level 3	STD8260 240-121946/5	UXR1541.D
Level 4	STD8260 240-121946/4	UXR1540.D
Level 5	STD8260 240-121946/3	UXR1539.D
Level 6	STD8260 240-121946/2	UXR1538.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3704 0.3384	0.3324	0.3216	0.3306	0.3370	Ave		0.3384				5.0		15.0			
Chloromethane	0.4604 0.3822	0.4070	0.3867	0.3751	0.3912	Ave		0.4004			0.1000	7.8		15.0			
Vinyl chloride	0.4557 0.3616	0.3687	0.3664	0.3626	0.3679	Ave		0.3805				9.7		15.0			
Butadiene	0.4378 0.3395	0.3648	0.3439	0.3404	0.3425	Ave		0.3615				11.0		15.0			
Bromomethane	0.1742 0.1268	0.1470	0.1401	0.1415	0.1463	Ave		0.1460				11.0		15.0			
Chloroethane	0.2300 0.1609	0.1783	0.1743	0.1694	0.1715	Ave		0.1807				14.0		15.0			
Dichlorofluoromethane	0.4202 0.3885	0.3769	0.3903	0.3747	0.4029	Ave		0.3922				4.3		15.0			
Trichlorofluoromethane	0.3924 0.3270	0.3467	0.3338	0.3342	0.3409	Ave		0.3458				6.9		15.0			
Ethyl ether	0.2656 0.2211	0.2364	0.2377	0.2317	0.2414	Ave		0.2390				6.2		15.0			
Acrolein	0.0285 0.0355	0.0313	0.0344	0.0364	0.0379	Ave		0.0340				10.0		15.0			
1,1-Dichloroethene	0.2657 0.2428	0.2314	0.2426	0.2428	0.2507	Ave		0.2460				4.7		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2071 0.1940	0.1913	0.1950	0.1994	0.2082	Ave		0.1992				3.6		15.0			
Acetone	0.1234 0.0616	0.0907	0.0724	0.0705	0.0680	Lin1	0.0627	0.0635							0.9970		0.9900
Iodomethane	0.4084 0.3740	0.3565	0.3719	0.3785	0.3920	Ave		0.3802				4.7		15.0			
Carbon disulfide	0.7190 0.7644	0.6356	0.6848	0.7082	0.7570	Ave		0.7115				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.1353 0.1546	0.1298	0.1411	0.1464	0.1584	Ave		0.1443				7.7		15.0			
Methyl acetate	0.1771 0.1667	0.1756	0.1755	0.1774	0.1795	Ave		0.1753				2.5		15.0			
Methylene Chloride	0.3926 0.2742	0.3236	0.2925	0.2871	0.2989	Ave		0.3115				14.0		15.0			
2-Methyl-2-propanol	0.0191 0.0127	0.0143	0.0141	0.0145	0.0147	Ave		0.0149				14.0		15.0			
Acrylonitrile	0.0954 0.0894	0.0889	0.0938	0.0938	0.0967	Ave		0.0930				3.4		15.0			
Methyl tert-butyl ether	0.6690 0.6381	0.6225	0.6387	0.6565	0.6768	Ave		0.6503				3.2		15.0			
trans-1,2-Dichloroethene	0.3165 0.2767	0.2726	0.2779	0.2850	0.2904	Ave		0.2865				5.6		15.0			
Hexane	0.0714 0.0729	0.0669	0.0671	0.0732	0.0780	Ave		0.0716				5.8		15.0			
1,1-Dichloroethane	0.5139 0.4910	0.4787	0.5058	0.5011	0.5159	Ave		0.5011			0.1000	2.8		15.0			
Vinyl acetate	0.1815 0.2853	0.1916	0.2266	0.2606	0.2885	Lin1	-0.076	0.2833							0.9970		0.9900
2,2-Dichloropropane	0.2552 0.2662	0.2311	0.2441	0.2594	0.2778	Ave		0.2556				6.4		15.0			
cis-1,2-Dichloroethene	0.3406 0.2984	0.3041	0.3028	0.3014	0.3129	Ave		0.3100				5.1		15.0			
2-Butanone	0.1012 0.0891	0.0999	0.0956	0.1004	0.1010	Ave		0.0979				4.9		15.0			
Chlorobromomethane	0.1496 0.1331	0.1264	0.1349	0.1374	0.1428	Ave		0.1374				5.9		15.0			
Tetrahydrofuran	0.0605 0.0604	0.0601	0.0613	0.0625	0.0640	Ave		0.0615				2.5		15.0			
Chloroform	0.4869 0.4480	0.4335	0.4483	0.4594	0.4701	Ave		0.4577				4.1		15.0			
1,1,1-Trichloroethane	0.3364 0.3451	0.2893	0.3271	0.3421	0.3542	Ave		0.3324				6.9		15.0			
Cyclohexane	0.5155 0.5034	0.4698	0.4917	0.5165	0.5273	Ave		0.5040				4.1		15.0			
1,1-Dichloropropene	0.3792 0.3610	0.3498	0.3650	0.3676	0.3735	Ave		0.3660				2.8		15.0			
Carbon tetrachloride	0.2910 0.2954	0.2599	0.2694	0.2867	0.3002	Ave		0.2838				5.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutanol	0.0085 0.0076	0.0085	0.0087	0.0085	0.0087	Ave		0.0084				4.7		15.0			
Benzene	1.4087 1.1893	1.2326	1.1925	1.2102	1.2424	Ave		1.2459				6.6		15.0			
1,2-Dichloroethane	0.3888 0.3276	0.3256	0.3421	0.3403	0.3501	Ave		0.3457				6.7		15.0			
n-Heptane	0.0679 0.0672	0.0663	0.0615	0.0673	0.0723	Ave		0.0671				5.1		15.0			
Trichloroethene	0.3319 0.2816	0.2844	0.2836	0.2884	0.2950	Ave		0.2941				6.5		15.0			
Methylcyclohexane	0.4906 0.4740	0.4176	0.4456	0.4697	0.4939	Ave		0.4653				6.2		15.0			
1,2-Dichloropropane	0.3020 0.2788	0.2667	0.2813	0.2907	0.2991	Ave		0.2864				4.7		15.0			
1,4-Dioxane	0.0018 0.0022	0.0027	0.0026	0.0025	0.0027	Ave		0.0024				14.0		15.0			
Dibromomethane	0.1543 0.1381	0.1397	0.1407	0.1437	0.1488	Ave		0.1442				4.3		15.0			
Bromodichloromethane	0.3046 0.3148	0.2637	0.2860	0.3003	0.3231	Ave		0.2988				7.1		15.0			
2-Chloroethyl vinyl ether	0.1313 0.1525	0.1257	0.1385	0.1532	0.1607	Ave		0.1436				9.7		15.0			
cis-1,3-Dichloropropene	0.3251 0.3919	0.2965	0.3321	0.3637	0.3999	Ave		0.3516				12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.1791 0.1906	0.1648	0.1923	0.1982	0.2064	Ave		0.1886				7.8		15.0			
Toluene	1.6910 1.6608	1.5176	1.6591	1.6661	1.7222	Ave		1.6528				4.3		15.0			
trans-1,3-Dichloropropene	0.2807 0.4064	0.2564	0.3448	0.3664	0.4130	Lin1	-0.106	0.4044							0.9980		0.9900
Ethyl methacrylate	0.2818 0.4116	0.2932	0.3499	0.3945	0.4289	Lin1	-0.098	0.4152							0.9980		0.9900
1,1,2-Trichloroethane	0.3295 0.2867	0.2880	0.2993	0.2988	0.3081	Ave		0.3017				5.2		15.0			
Tetrachloroethene	0.3367 0.3014	0.2977	0.3070	0.3056	0.3152	Ave		0.3106				4.5		15.0			
1,3-Dichloropropane	0.5746 0.5366	0.5421	0.5646	0.5623	0.5724	Ave		0.5587				2.8		15.0			
2-Hexanone	0.1435 0.1735	0.1405	0.1724	0.1779	0.1912	Ave		0.1665				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromochloromethane	0.2234 0.2848	0.2156	0.2435	0.2556	0.2840	Ave		0.2511				12.0		15.0			
Ethylene Dibromide	0.2715 0.2728	0.2387	0.2727	0.2763	0.2918	Ave		0.2706				6.4		15.0			
Chlorobenzene	1.1256 1.0221	1.0108	1.0309	1.0375	1.0647	Ave		1.0486			0.3000	4.0		15.0			
1,1,1,2-Tetrachloroethane	0.2983 0.3166	0.2592	0.2864	0.3062	0.3265	Ave		0.2989				8.0		15.0			
Ethylbenzene	0.5492 0.5677	0.4933	0.5739	0.5785	0.5938	Ave		0.5594				6.3		15.0			
m-Xylene & p-Xylene	0.6455 0.7025	0.6239	0.6972	0.7141	0.7360	Ave		0.6865				6.2		15.0			
o-Xylene	0.5786 0.6916	0.5897	0.6815	0.6838	0.7241	Ave		0.6582				9.0		15.0			
Styrene	0.9660 1.1751	0.8740	1.1306	1.1653	1.2247	Ave		1.0893				13.0		15.0			
Bromoform	0.1181 0.1670	0.1210	0.1313	0.1435	0.1627	Ave		0.1406			0.1000	15.0		15.0			
Isopropylbenzene	1.5017 1.8260	1.4499	1.7366	1.7756	1.8628	Ave		1.6921				10.0		15.0			
1,1,2,2-Tetrachloroethane	0.6950 0.6150	0.6214	0.6388	0.6480	0.6592	Ave		0.6462			0.3000	4.5		15.0			
Bromobenzene	0.7933 0.7348	0.7347	0.7393	0.7702	0.7820	Ave		0.7591				3.4		15.0			
1,2,3-Trichloropropane	0.1994 0.1856	0.1996	0.2052	0.2100	0.2055	Ave		0.2009				4.2		15.0			
trans-1,4-Dichloro-2-butene	0.0947 0.1573	0.0934	0.1399	0.1450	0.1733	Lin1	-0.049	0.1613						0.9960		0.9900	
N-Propylbenzene	0.7440 0.8386	0.7088	0.8435	0.8786	0.8764	Ave		0.8150				8.8		15.0			
2-Chlorotoluene	0.7321 0.6918	0.6298	0.7054	0.7212	0.7328	Ave		0.7022				5.5		15.0			
1,3,5-Trimethylbenzene	2.1163 2.5547	2.1163	2.4874	2.5708	2.6548	Ave		2.4167				9.9		15.0			
4-Chlorotoluene	0.7488 0.7268	0.7037	0.7654	0.7789	0.7730	Ave		0.7494				3.9		15.0			
tert-Butylbenzene	2.0046 2.2610	1.8475	2.2044	2.1855	2.2331	Ave		2.1227				7.6		15.0			
1,2,4-Trimethylbenzene	2.2723 2.6649	2.2125	2.6102	2.6993	2.7670	Ave		2.5377				9.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	2.7103 3.1203	2.6777	3.0321	3.0946	3.1747	Ave		2.9683				7.3		15.0			
1,3-Dichlorobenzene	1.5710 1.4581	1.5308	1.4940	1.5161	1.5379	Ave		1.5180				2.6		15.0			
4-Isopropyltoluene	2.1176 2.7442	2.1313	2.5534	2.7382	2.7850	Ave		2.5116				12.0		15.0			
1,4-Dichlorobenzene	1.7290 1.4706	1.5149	1.5450	1.5191	1.5606	Ave		1.5565				5.8		15.0			
n-Butylbenzene	2.0441 2.3102	1.8750	2.1397	2.2315	2.3946	Ave		2.1659				8.7		15.0			
1,2-Dichlorobenzene	1.5378 1.3835	1.3889	1.4748	1.4390	1.4617	Ave		1.4476				4.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0515 0.0957	0.0825	0.0874	0.0906	0.1003	Lin1	-0.022	0.0969							0.9990		0.9900
1,2,4-Trichlorobenzene	0.9686 0.8904	0.8730	0.9004	0.9040	0.9610	Ave		0.9162				4.3		15.0			
Hexachlorobutadiene	0.5002 0.3327	0.4642	0.3914	0.3829	0.3767	Ave		0.4080				15.0		15.0			
Naphthalene	1.5564 1.9749	1.5991	1.8406	2.0003	2.1973	Ave		1.8614				13.0		15.0			
1,2,3-Trichlorobenzene	0.9501 0.7800	0.9014	0.8760	0.8737	0.8864	Ave		0.8779				6.3		15.0			
Dibromofluoromethane (Surr)	0.2732 0.2154	0.2210	0.2095	0.2185	0.2252	Ave		0.2271				10.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3509 0.2609	0.2943	0.2754	0.2722	0.2754	Ave		0.2882				11.0		15.0			
Toluene-d8 (Surr)	1.5501 1.3336	1.3126	1.3289	1.3206	1.3731	Ave		1.3698				6.6		15.0			
4-Bromofluorobenzene (Surr)	0.5806 0.4640	0.4587	0.4795	0.4707	0.4950	Ave		0.4914				9.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-121946/7	UXR1543.D
Level 2	STD8260 240-121946/6	UXR1542.D
Level 3	STD8260 240-121946/5	UXR1541.D
Level 4	STD8260 240-121946/4	UXR1540.D
Level 5	STD8260 240-121946/3	UXR1539.D
Level 6	STD8260 240-121946/2	UXR1538.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	22330 1709409	39793	199918	405569	814903	0.500 40.0	1.00	5.00	10.0	20.0
Chloromethane	FB	Ave	27753 1930752	48719	240420	460153	945892	0.500 40.0	1.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	27470 1826753	44142	227785	444887	889505	0.500 40.0	1.00	5.00	10.0	20.0
Butadiene	FB	Ave	26392 1715227	43669	213764	417655	828195	0.500 40.0	1.00	5.00	10.0	20.0
Bromomethane	FB	Ave	10504 640641	17601	87112	173547	353814	0.500 40.0	1.00	5.00	10.0	20.0
Chloroethane	FB	Ave	13864 812781	21351	108334	207788	414584	0.500 40.0	1.00	5.00	10.0	20.0
Dichlorofluoromethane	FB	Ave	25332 1962483	45119	242628	459759	974074	0.500 40.0	1.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	23655 1651662	41506	207500	410033	824255	0.500 40.0	1.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	16011 1116871	28295	147756	284325	583802	0.500 40.0	1.00	5.00	10.0	20.0
Acrolein	FB	Ave	8594 897709	18760	106920	223074	458081	2.50 200	5.00	25.0	50.0	100
1,1-Dichloroethene	FB	Ave	16016 1226462	27697	150843	297839	606100	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	12487 980066	22900	121197	244597	503347	0.500 40.0	1.00	5.00	10.0	20.0
Acetone	FB	Lin1	14881 622141	21708	90008	173106	329010	1.00 80.0	2.00	10.0	20.0	40.0
Iodomethane	FB	Ave	24621 1889040	42676	231184	464389	947715	0.500 40.0	1.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	43343 3861344	76090	425692	868860	1830413	0.500 40.0	1.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	8159 781009	15535	87740	179627	382922	0.500 40.0	1.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	53387 4210271	105108	545569	1088183	2170520	2.50 200	5.00	25.0	50.0	100
Methylene Chloride	FB	Ave	23670 1385364	38745	181825	352249	722815	0.500 40.0	1.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	11486 642263	17144	87739	178384	356278	5.00 400	10.0	50.0	100	200
Acrylonitrile	FB	Ave	57540 4514729	106460	583182	1150808	2338892	5.00 400	10.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	40329 3223556	74523	397050	805493	1636479	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	19080 1397548	32633	172730	349682	702074	0.500 40.0	1.00	5.00	10.0	20.0
Hexane	FB	Ave	4305 368426	8007	41735	89793	188523	0.500 40.0	1.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	30979 2480480	57313	314410	614783	1247294	0.500 40.0	1.00	5.00	10.0	20.0
Vinyl acetate	FB	Lin1	10501 1383317	22017	135220	306924	669650	0.480 38.4	0.960	4.80	9.60	19.2
2,2-Dichloropropane	FB	Ave	15382 1344660	27669	151742	318245	671739	0.500 40.0	1.00	5.00	10.0	20.0
cis-1,2-Dichloroethene	FB	Ave	20530 1507444	36410	188244	369762	756585	0.500 40.0	1.00	5.00	10.0	20.0
2-Butanone	FB	Ave	12200 899751	23920	118916	246261	488288	1.00 80.0	2.00	10.0	20.0	40.0
Chlorobromomethane	FB	Ave	9020 672439	15131	83842	168552	345218	0.500 40.0	1.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	7291 609781	14394	76200	153393	309612	1.00 80.0	2.00	10.0	20.0	40.0
Chloroform	FB	Ave	29351 2263173	51891	278692	563610	1136616	0.500 40.0	1.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	20278 1743127	34631	203340	419715	856527	0.500 40.0	1.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	31078 2542669	56247	305695	633703	1275002	0.500 40.0	1.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	22858 1823652	41871	226889	450967	903132	0.500 40.0	1.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	17545 1492264	31108	167495	351794	725812	0.500 40.0	1.00	5.00	10.0	20.0
Isobutanol	CBZ	Ave	9687 716600	19326	100333	199305	393000	12.5 1000	25.0	125	250	500
Benzene	FB	Ave	84920 6007584	147558	741332	1484696	3004014	0.500 40.0	1.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	23436 1654729	38979	212698	417518	846499	0.500 40.0	1.00	5.00	10.0	20.0
n-Heptane	FB	Ave	4092 339578	7937	38254	82618	174855	0.500 40.0	1.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	20007 1422386	34052	176296	353867	713232	0.500 40.0	1.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	29578 2394595	49990	277033	576286	1194263	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	18207 1408171	31929	174848	356631	723108	0.500 40.0	1.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	2224 222815	6375	31914	61420	129840	10.0 800	20.0	100	200	400
Dibromomethane	FB	Ave	9299 697542	16723	87489	176318	359770	0.500 40.0	1.00	5.00	10.0	20.0
Bromodichloromethane	FB	Ave	18361 1590278	31569	177824	368408	781271	0.500 40.0	1.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	15826 1540836	30087	172179	375978	777181	1.00 80.0	2.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	19600 1979887	35497	206438	446268	967013	0.500 40.0	1.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21595 1925924	39453	239128	486246	997881	1.00 80.0	2.00	10.0	20.0	40.0
Toluene	CBZ	Ave	76708 6251621	138722	769110	1561405	3124811	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	12735 1529791	23440	159845	343400	749431	0.500 40.0	1.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin1	12784 1549501	26798	162188	369757	778255	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	14947 1079263	26326	138735	280001	559091	0.500 40.0	1.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	15275 1134509	27209	142338	286436	572006	0.500 40.0	1.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	26066 2019744	49547	261743	526926	1038554	0.500 40.0	1.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	13017 1306280	25690	159828	333518	693737	1.00 80.0	2.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	10132 1072175	19704	112865	239561	515325	0.500 40.0	1.00	5.00	10.0	20.0
Ethylene Dibromide	CBZ	Ave	12314 1026744	21815	126407	258925	529457	0.500 40.0	1.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	51060 3847416	92393	477878	972282	1931957	0.500 40.0	1.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZ	Ave	13531 1191681	23695	132787	286980	592453	0.500 40.0	1.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	24912 2136874	45089	266047	542181	1077437	0.500 40.0	1.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	29282 2644239	57029	323180	669234	1335548	0.500 40.0	1.00	5.00	10.0	20.0
o-Xylene	CBZ	Ave	26246 2603315	53907	315929	640791	1313901	0.500 40.0	1.00	5.00	10.0	20.0
Styrene	CBZ	Ave	43822 4423063	79889	524095	1092046	2222113	0.500 40.0	1.00	5.00	10.0	20.0
Bromoform	CBZ	Ave	5356 628768	11064	60866	134486	295262	0.500 40.0	1.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	68122 6873119	132528	805033	1664053	3380102	0.500 40.0	1.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	17433 1355664	32337	171718	346372	700112	0.500 40.0	1.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	19900 1619763	38237	198751	411670	830592	0.500 40.0	1.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	5002 409166	10386	55156	112234	218270	0.500 40.0	1.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	2375 346719	4862	37621	77523	184023	0.500 40.0	1.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	18662 1848608	36886	226751	469623	930834	0.500 40.0	1.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	18364 1525060	32774	189639	385512	778353	0.500 40.0	1.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	53087 5631606	110137	668681	1374183	2819756	0.500 40.0	1.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	18782 1602146	36622	205749	416326	821015	0.500 40.0	1.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	50283 4984203	96146	592597	1168213	2371878	0.500 40.0	1.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	57000 5874419	115144	701683	1442836	2938927	0.500 40.0	1.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	67985 6878313	139351	815099	1654163	3372005	0.500 40.0	1.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	39408 3214192	79668	401633	810420	1633515	0.500 40.0	1.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	53119 6049291	110915	686428	1463657	2958068	0.500 40.0	1.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	43370 3241789	78840	415325	812002	1657557	0.500 40.0	1.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 13:22 Calibration End Date: 03/10/2014 15:15 Calibration ID: 21038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	51274 5092684	97581	575204	1192828	2543447	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	38574 3049845	72283	396469	769193	1552498	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Lin1	1292 210953	4295	23488	48410	106546	0.500 40.0	1.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	24297 1962759	45435	242057	483240	1020682	0.500 40.0	1.00	5.00	10.0	20.0
Hexachlorobutadiene	DCB	Ave	12548 733290	24156	105230	204651	400103	0.500 40.0	1.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	39042 4353397	83219	494797	1069212	2333793	0.500 40.0	1.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	23833 1719317	46909	235481	467046	941428	0.500 40.0	1.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	16468 1088068	26460	130247	268117	544536	0.500 40.0	1.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	21154 1317704	35234	171210	333918	665954	0.500 40.0	1.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	70314 5019672	119979	616047	1237575	2491493	0.500 40.0	1.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	26336 1746594	41929	222277	441115	898114	0.500 40.0	1.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD

Lin1 = Linear 1/conc ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1538.D
 Lims ID: STD8260 L6 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 10-Mar-2014 13:22:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-002
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:19 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 12:39:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	92	1262871	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	84	941032	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	74	551097	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	59	1088068	37.9	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	1317704	36.2	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	5019672	38.9	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	90	1746594	37.8	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	88	1709409	40.0	
10 Chloromethane	50	1.826	1.826	0.0	89	1930752	38.2	
11 Vinyl chloride	62	1.957	1.957	0.0	84	1826753	38.0	
119 Butadiene	54	1.992	1.992	0.0	0	1715227	37.6	
12 Bromomethane	94	2.300	2.313	-0.013	90	640641	34.7	
13 Chloroethane	64	2.419	2.419	0.0	94	812781	35.6	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	83	1962483	39.6	
15 Trichlorofluoromethane	101	2.656	2.668	-0.012	88	1651662	37.8	
16 Ethyl ether	59	2.953	2.953	0.0	90	1116871	37.0	
18 Acrolein	56	3.083	3.095	-0.012	93	897709	209.0	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	1226462	39.5	
20 1,1,2-Trichloro-1,2,2-trifluoro	151	3.190	3.190	0.0	85	980066	39.0	
21 Acetone	43	3.237	3.238	-0.001	97	622141	76.6	
22 Iodomethane	142	3.320	3.332	-0.012	96	1889040	39.3	
23 Carbon disulfide	76	3.380	3.392	-0.012	98	3861344	43.0	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	89	781009	42.9	
26 Methyl acetate	43	3.534	3.546	-0.012	97	4210271	190.2	
27 Methylene Chloride	84	3.640	3.641	-0.001	88	1385364	35.2	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	92	642263	341.0	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	4514729	384.3	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	3223556	39.3	
31 trans-1,2-Dichloroethene	96	3.889	3.890	-0.001	96	1397548	38.6	
32 Hexane	86	4.115	4.115	0.0	89	368426	40.8	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	2480480	39.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.293	4.305	-0.012	97	1383317	38.9	
38 2,2-Dichloropropane	77	4.767	4.779	-0.012	62	1344660	41.7	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	70	1507444	38.5	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	93	899751	72.8	
44 Chlorobromomethane	128	4.980	4.993	-0.013	94	672439	38.8	
45 Tetrahydrofuran	42	5.016	5.028	-0.012	94	609781	78.6	
46 Chloroform	83	5.040	5.052	-0.012	79	2263173	39.2	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	1743127	41.5	
48 Cyclohexane	56	5.253	5.253	0.0	88	2542669	39.9	
50 Carbon tetrachloride	117	5.348	5.348	0.0	68	1492264	41.6	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	1823652	39.5	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	716600	905.8	
52 Benzene	78	5.526	5.538	-0.012	94	6007584	38.2	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	1654729	37.9	
55 n-Heptane	100	5.716	5.728	-0.012	91	339578	40.1	
57 Trichloroethene	130	6.083	6.084	-0.001	94	1422386	38.3	
59 Methylcyclohexane	83	6.237	6.238	-0.001	88	2394595	40.8	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	1408171	38.9	
63 1,4-Dioxane	88	6.392	6.392	0.0	39	222815	731.7	
62 Dibromomethane	93	6.392	6.392	0.0	90	697542	38.3	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	1590278	42.1	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	89	1540836	84.9	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	1979887	44.6	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	1925924	80.9	
69 Toluene	91	7.198	7.210	-0.012	98	6251621	40.2	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	86	1529791	40.5	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	1549501	39.9	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	84	1079263	38.0	
73 Tetrachloroethene	164	7.696	7.696	0.0	93	1134509	38.8	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	87	2019744	38.4	
76 2-Hexanone	43	7.779	7.779	0.0	95	1306280	83.4	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	89	1072175	45.4	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	1026744	40.3	
81 Chlorobenzene	112	8.502	8.503	-0.001	95	3847416	39.0	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	86	1191681	42.4	
83 Ethylbenzene	106	8.585	8.586	-0.001	98	2136874	40.6	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	2644239	40.9	
85 o-Xylene	106	9.072	9.072	0.0	95	2603315	42.0	
86 Styrene	104	9.084	9.084	0.0	93	4423063	43.2	
87 Bromoform	173	9.285	9.285	0.0	99	628768	47.5	
89 Isopropylbenzene	105	9.427	9.428	-0.001	94	6873119	43.2	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	80	1355664	38.1	
92 Bromobenzene	156	9.748	9.748	0.0	85	1619763	38.7	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	53	346719	39.3	
94 1,2,3-Trichloropropene	110	9.771	9.772	-0.001	69	409166	37.0	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	1848608	41.2	
96 2-Chlorotoluene	126	9.925	9.926	-0.001	96	1525060	39.4	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	5631606	42.3	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	97	1602146	38.8	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	4984203	42.6	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	85	5874419	42.0	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	6878313	42.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	97	3214192	38.4	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	97	6049291	43.7	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	95	3241789	37.8	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	5092684	42.7	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	3049845	38.2	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	85	210953	39.7	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	93	1962759	38.9	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	93	733290	32.6	
115 Naphthalene	128	12.997	12.985	0.012	100	4353397	42.4	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	1719317	35.5	
S 128 1,2-Dichloroethene, Total	96				0		77.1	
S 129 1,3-Dichloropropene, Total	75				0		85.1	
S 130 Xylenes, Total	106				0		83.0	
S 131 Trihalomethanes, Total	1				0		174.2	

Data File: WNCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1538.D

Injection Date: 10-Mar-2014 13:22:30

Lims ID: STD8260 L6

Client ID:

Purge Vol: 5.000 mL

Method: 8260_17

Column: DB-624 (0.18 mm)

Instrument ID: A3UX17

Lab Sample ID:

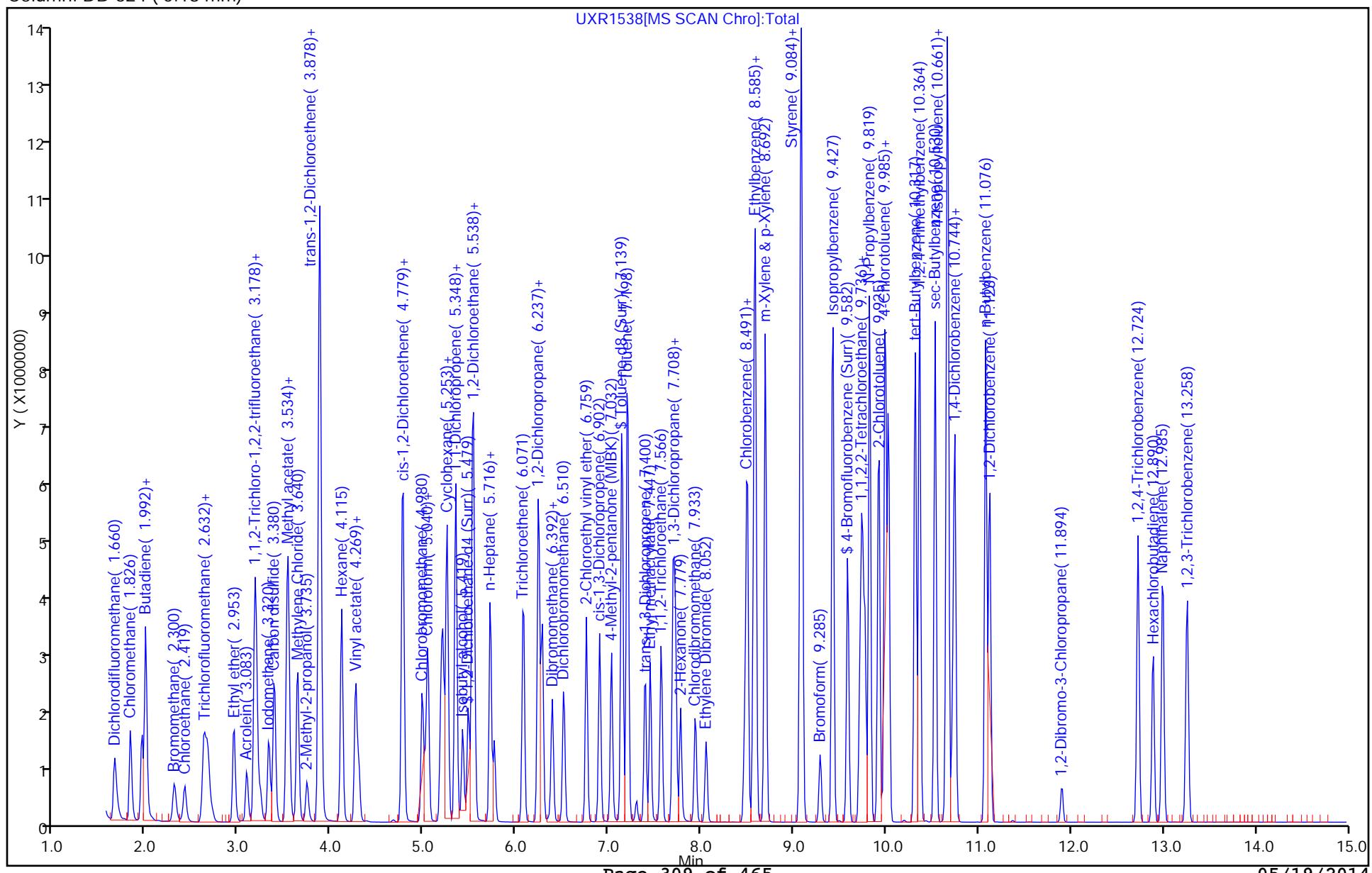
Dil. Factor: 1.0000

Limit Group: MSV 8260B ICAL

Operator ID: 1644

Worklist Smp#: 2

ALS Bottle#: 1



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1539.D
 Lims ID: STD8260 L5 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 10-Mar-2014 13:44:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-003
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:21 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	93	1208965	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	84	907241	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	62	531070	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	63	544536	19.8	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	665954	19.1	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	2491493	20.0	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	90	898114	20.1	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	88	814903	19.9	
10 Chloromethane	50	1.826	1.826	0.0	88	945892	19.5	
11 Vinyl chloride	62	1.957	1.957	0.0	83	889505	19.3	
119 Butadiene	54	1.992	1.992	0.0	0	828195	19.0	
12 Bromomethane	94	2.313	2.313	-0.001	90	353814	20.0	
13 Chloroethane	64	2.419	2.419	0.0	94	414584	19.0	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	83	974074	20.5	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	87	824255	19.7	
16 Ethyl ether	59	2.953	2.953	0.0	89	583802	20.2	
18 Acrolein	56	3.095	3.095	0.0	91	458081	111.4	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	606100	20.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	503347	20.9	
21 Acetone	43	3.237	3.238	-0.001	97	329010	41.9	
22 Iodomethane	142	3.332	3.332	0.0	96	947715	20.6	
23 Carbon disulfide	76	3.392	3.392	0.0	98	1830413	21.3	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	92	382922	22.0	
26 Methyl acetate	43	3.534	3.546	-0.012	97	2170520	102.4	
27 Methylene Chloride	84	3.641	3.641	0.0	88	722815	19.2	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	91	356278	197.6	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	2338892	208.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	1636479	20.8	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	97	702074	20.3	
32 Hexane	86	4.115	4.115	0.0	89	188523	21.8	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	1247294	20.6	
34 Vinyl acetate	43	4.305	4.305	0.0	97	669650	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.779	4.779	0.0	62	671739	21.7	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	71	756585	20.2	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	488288	41.3	
44 Chlorobromomethane	128	4.993	4.993	0.0	91	345218	20.8	
45 Tetrahydrofuran	42	5.028	5.028	0.0	95	309612	41.7	
46 Chloroform	83	5.052	5.052	0.0	69	1136616	20.5	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	92	856527	21.3	
48 Cyclohexane	56	5.253	5.253	0.0	88	1275002	20.9	
50 Carbon tetrachloride	117	5.348	5.348	0.0	65	725812	21.2	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	95	903132	20.4	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	393000	515.3	
52 Benzene	78	5.538	5.538	0.0	93	3004014	19.9	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	846499	20.3	
55 n-Heptane	100	5.728	5.728	0.0	90	174855	21.6	
57 Trichloroethene	130	6.084	6.084	0.0	94	713232	20.1	
59 Methylcyclohexane	83	6.238	6.238	0.0	89	1194263	21.2	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	723108	20.9	
63 1,4-Dioxane	88	6.392	6.392	0.0	43	129840	445.4	
62 Dibromomethane	93	6.392	6.392	0.0	89	359770	20.6	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	781271	21.6	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	89	777181	44.8	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	967013	22.8	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	997881	43.8	
69 Toluene	91	7.198	7.210	-0.012	98	3124811	20.8	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	749431	20.7	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	778255	20.9	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	85	559091	20.4	
73 Tetrachloroethene	164	7.696	7.696	0.0	93	572006	20.3	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	88	1038554	20.5	
76 2-Hexanone	43	7.779	7.779	0.0	95	693737	45.9	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	89	515325	22.6	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	529457	21.6	
81 Chlorobenzene	112	8.503	8.503	0.0	95	1931957	20.3	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	85	592453	21.8	
83 Ethylbenzene	106	8.586	8.586	0.0	98	1077437	21.2	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	1335548	21.4	
85 o-Xylene	106	9.072	9.072	0.0	95	1313901	22.0	
86 Styrene	104	9.084	9.084	0.0	93	2222113	22.5	
87 Bromoform	173	9.285	9.285	0.0	98	295262	23.1	
89 Isopropylbenzene	105	9.428	9.428	0.0	95	3380102	22.0	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	66	700112	20.4	
92 Bromobenzene	156	9.748	9.748	0.0	85	830592	20.6	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	58	184023	21.8	
94 1,2,3-Trichloropropane	110	9.772	9.772	0.0	65	218270	20.5	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	930834	21.5	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	778353	20.9	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	2819756	22.0	
98 4-Chlorotoluene	126	10.021	10.021	0.0	97	821015	20.6	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	2371878	21.0	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	95	2938927	21.8	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	3372005	21.4	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	97	1633515	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.0	97	2958068	22.2	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	95	1657557	20.1	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	2543447	22.1	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	1552498	20.2	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	82	106546	20.9	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	92	1020682	21.0	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	92	400103	18.5	
115 Naphthalene	128	12.985	12.985	0.0	100	2333793	23.6	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	98	941428	20.2	
S 128 1,2-Dichloroethene, Total	96				0		40.5	
S 129 1,3-Dichloropropene, Total	75				0		43.4	
S 130 Xylenes, Total	106				0		43.4	
S 131 Trihalomethanes, Total	1				0		87.9	

Report Date: 11-Mar-2014 13:09:22

Chrom Revision: 2.1 15-Jan-2014 14:06:26

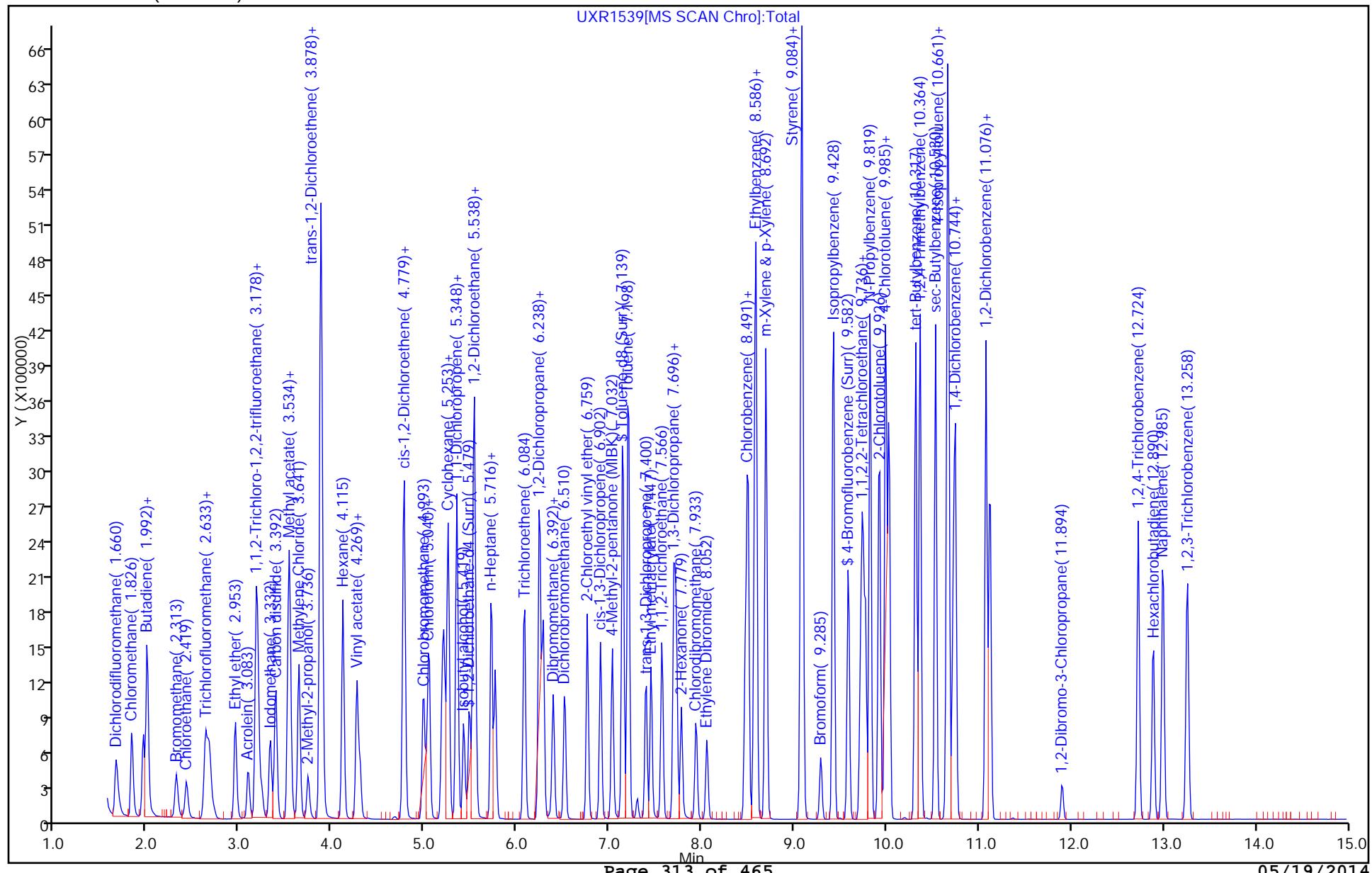
TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1539.D
 Injection Date: 10-Mar-2014 13:44:30
 Lims ID: STD8260 L5
 Client ID:
 Purge Vol: 5.000 mL
 Method: 8260_17
 Column: DB-624 (0.18 mm)

Instrument ID: A3UX17
 Lab Sample ID:
 Dil. Factor: 1.0000
 Limit Group: MSV 8260B ICAL

Operator ID: 1644
 Worklist Smp#: 3

ALS Bottle#: 2



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1540.D
 Lims ID: STD8260 L4 Lab Sample ID:
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 10-Mar-2014 14:07:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-004
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:23 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: quayler Date: 11-Mar-2014 13:07:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1226869	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	86	937162	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	74	534531	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	61	268117	9.62	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	333918	9.44	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	92	1237575	9.64	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	89	441115	9.58	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	87	405569	9.77	
10 Chloromethane	50	1.826	1.826	0.0	88	460153	9.37	
11 Vinyl chloride	62	1.957	1.957	0.0	84	444887	9.53	
119 Butadiene	54	1.992	1.992	0.0	0	417655	9.42	
12 Bromomethane	94	2.313	2.313	0.0	88	173547	9.69	
13 Chloroethane	64	2.419	2.419	0.0	94	207788	9.37	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	82	459759	9.55	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	88	410033	9.66	
16 Ethyl ether	59	2.953	2.953	0.0	90	284325	9.70	
18 Acrolein	56	3.095	3.095	0.0	91	223074	53.5	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	297839	9.87	
20 1,1,2-Trichloro-1,2,2-trifluoro	151	3.190	3.190	0.0	83	244597	10.0	
21 Acetone	43	3.238	3.238	0.0	96	173106	21.2	
22 Iodomethane	142	3.332	3.332	0.0	96	464389	9.96	
23 Carbon disulfide	76	3.392	3.392	0.0	99	868860	9.95	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	88	179627	10.1	
26 Methyl acetate	43	3.546	3.546	0.0	97	1088183	50.6	
27 Methylene Chloride	84	3.641	3.641	0.0	88	352249	9.22	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	90	178384	97.5	
29 Acrylonitrile	53	3.878	3.878	0.0	100	1150808	100.8	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	89	805493	10.1	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	94	349682	9.95	
32 Hexane	86	4.115	4.115	0.0	89	89793	10.2	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	614783	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	97	306924	9.10	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	61	318245	10.1	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	71	369762	9.72	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	93	246261	20.5	
44 Chlorobromomethane	128	4.993	4.993	0.0	94	168552	10.0	
45 Tetrahydrofuran	42	5.028	5.028	0.0	92	153393	20.3	
46 Chloroform	83	5.052	5.052	0.0	69	563610	10.0	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	419715	10.3	
48 Cyclohexane	56	5.253	5.253	0.0	88	633703	10.2	
50 Carbon tetrachloride	117	5.348	5.348	0.0	63	351794	10.1	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	450967	10.0	
51 Isobutyl alcohol	41	5.420	5.420	0.0	92	199305	253.0	
52 Benzene	78	5.538	5.538	0.0	94	1484696	9.71	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	417518	9.84	
55 n-Heptane	100	5.728	5.728	0.0	89	82618	10.0	
57 Trichloroethene	130	6.084	6.084	0.0	94	353867	9.81	
59 Methylcyclohexane	83	6.238	6.238	0.0	90	576286	10.1	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	96	356631	10.1	
63 1,4-Dioxane	88	6.392	6.392	0.0	43	61420	207.6	
62 Dibromomethane	93	6.392	6.392	0.0	90	176318	9.97	
64 Dichlorobromomethane	83	6.510	6.510	0.0	93	368408	10.1	
66 2-Chloroethyl vinyl ether	63	6.760	6.760	0.0	90	375978	21.3	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	91	446268	10.3	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	486246	21.0	
69 Toluene	91	7.210	7.210	0.0	98	1561405	10.1	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	343400	9.32	
71 Ethyl methacrylate	69	7.447	7.447	0.0	87	369757	9.74	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	85	280001	9.90	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	286436	9.84	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	526926	10.1	
76 2-Hexanone	43	7.779	7.779	0.0	95	333518	21.4	
78 Chlorodibromomethane	129	7.934	7.934	0.0	90	239561	10.2	
79 Ethylene Dibromide	107	8.052	8.052	0.0	98	258925	10.2	
81 Chlorobenzene	112	8.503	8.503	0.0	95	972282	9.89	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	84	286980	10.2	
83 Ethylbenzene	106	8.586	8.586	0.0	98	542181	10.3	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	669234	10.4	
85 o-Xylene	106	9.072	9.072	0.0	94	640791	10.4	
86 Styrene	104	9.084	9.084	0.0	92	1092046	10.7	
87 Bromoform	173	9.285	9.285	0.0	97	134486	10.2	
89 Isopropylbenzene	105	9.428	9.428	0.0	95	1664053	10.5	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	78	346372	10.0	
92 Bromobenzene	156	9.748	9.748	0.0	86	411670	10.1	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	50	77523	9.29	
94 1,2,3-Trichloropropene	110	9.772	9.772	0.0	68	112234	10.5	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	469623	10.8	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	385512	10.3	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	1374183	10.6	
98 4-Chlorotoluene	126	10.021	10.021	0.0	98	416326	10.4	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	1168213	10.3	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	95	1442836	10.6	
102 sec-Butylbenzene	105	10.531	10.531	0.0	94	1654163	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	810420	9.99	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	92	1463657	10.9	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	812002	9.76	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	1192828	10.3	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	769193	9.94	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	74	48410	9.57	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	94	483240	9.87	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	92	204651	9.38	
115 Naphthalene	128	12.985	12.985	0.0	100	1069212	10.7	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	467046	9.95	
S 128 1,2-Dichloroethene, Total	96				0		19.7	
S 129 1,3-Dichloropropene, Total	75				0		19.7	
S 130 Xylenes, Total	106				0		20.8	
S 131 Trihalomethanes, Total	1				0		40.5	

Data File:

\\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1540.D

Injection Date:

10-Mar-2014 14:07:30

Lims ID:

STD8260 | 4

Enter ID:

378

Client ID:

5 000 mol

Fudge Vol. 5.000 ml
Method: 83/0-17

Dil. Factor:

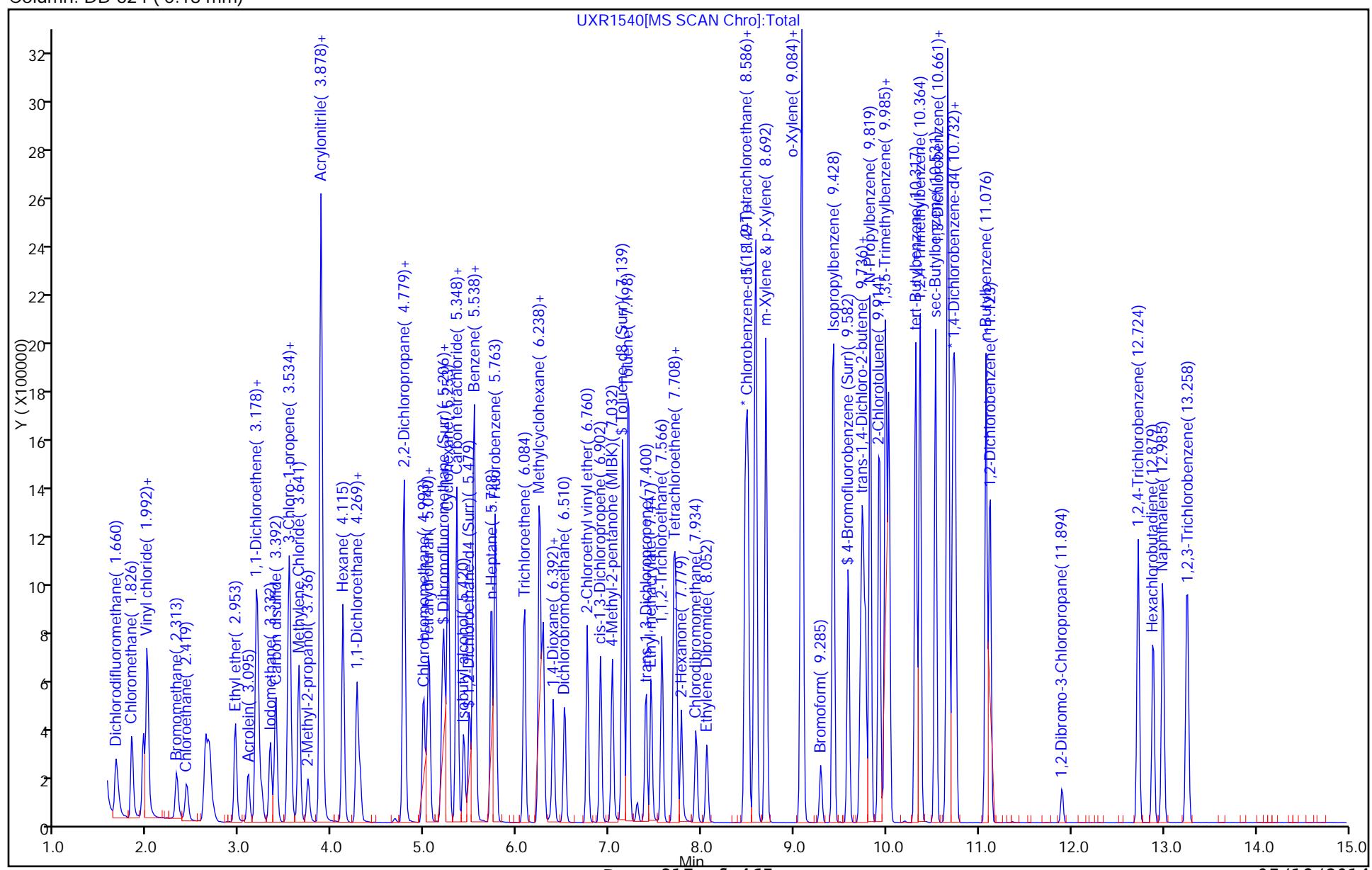
1/0000

Limit Group: MSV 82/0B (CAI)

Operator ID: 1644

Worklist Smp#:

ALS Battle #:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1541.D
 Lims ID: STD8260 L3 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 10-Mar-2014 14:30:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-005
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:25 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1243330	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	927145	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	92	537649	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	57	130247	4.61	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	171210	4.78	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	93	616047	4.85	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	88	222277	4.88	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	86	199918	4.75	
10 Chloromethane	50	1.826	1.826	0.0	89	240420	4.83	
11 Vinyl chloride	62	1.945	1.957	-0.012	82	227785	4.81	
119 Butadiene	54	1.992	1.992	0.0	0	213764	4.76	
12 Bromomethane	94	2.312	2.313	-0.001	87	87112	4.80	
13 Chloroethane	64	2.419	2.419	0.0	91	108334	4.82	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	81	242628	4.98	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	87	207500	4.83	
16 Ethyl ether	59	2.953	2.953	0.0	87	147756	4.97	
18 Acrolein	56	3.083	3.095	-0.012	92	106920	25.3	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	98	150843	4.93	
20 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.190	3.190	0.0	83	121197	4.89	
21 Acetone	43	3.237	3.238	-0.001	96	90008	10.4	
22 Iodomethane	142	3.332	3.332	0.0	95	231184	4.89	
23 Carbon disulfide	76	3.391	3.392	-0.001	98	425692	4.81	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	91	87740	4.89	
26 Methyl acetate	43	3.534	3.546	-0.012	97	545569	25.0	
27 Methylene Chloride	84	3.640	3.641	-0.001	87	181825	4.69	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	91	87739	47.3	
29 Acrylonitrile	53	3.866	3.878	-0.012	100	583182	50.4	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	88	397050	4.91	
31 trans-1,2-Dichloroethene	96	3.889	3.890	-0.001	94	172730	4.85	
32 Hexane	86	4.115	4.115	0.0	90	41735	4.69	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	84	314410	5.05	
34 Vinyl acetate	43	4.305	4.305	0.0	96	135220	4.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.767	4.779	-0.012	61	151742	4.77	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	69	188244	4.88	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	118916	9.77	
44 Chlorobromomethane	128	4.980	4.993	-0.013	92	83842	4.91	
45 Tetrahydrofuran	42	5.016	5.028	-0.012	95	76200	9.97	
46 Chloroform	83	5.040	5.052	-0.012	79	278692	4.90	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	89	203340	4.92	
48 Cyclohexane	56	5.253	5.253	0.0	88	305695	4.88	
50 Carbon tetrachloride	117	5.348	5.348	0.0	63	167495	4.75	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	226889	4.99	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	92	100333	128.7	
52 Benzene	78	5.538	5.538	0.0	93	741332	4.79	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	212698	4.95	
55 n-Heptane	100	5.728	5.728	0.0	89	38254	4.59	
57 Trichloroethene	130	6.083	6.084	-0.001	93	176296	4.82	
59 Methylcyclohexane	83	6.237	6.238	-0.001	89	277033	4.79	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	94	174848	4.91	
63 1,4-Dioxane	88	6.392	6.392	0.0	38	31914	106.5	
62 Dibromomethane	93	6.392	6.392	0.0	88	87489	4.88	
64 Dichlorobromomethane	83	6.510	6.510	0.0	92	177824	4.79	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	90	172179	9.64	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	88	206438	4.72	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	239128	10.2	
69 Toluene	91	7.198	7.210	-0.012	97	769110	5.02	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	86	159845	4.53	
71 Ethyl methacrylate	69	7.447	7.447	0.0	85	162188	4.45	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	86	138735	4.96	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	142338	4.94	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	261743	5.05	
76 2-Hexanone	43	7.779	7.779	0.0	94	159828	10.4	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	86	112865	4.85	
79 Ethylene Dibromide	107	8.052	8.052	0.0	95	126407	5.04	
81 Chlorobenzene	112	8.502	8.503	-0.001	95	477878	4.92	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	83	132787	4.79	
83 Ethylbenzene	106	8.585	8.586	-0.001	98	266047	5.13	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	323180	5.08	
85 o-Xylene	106	9.072	9.072	0.0	95	315929	5.18	
86 Styrene	104	9.084	9.084	0.0	91	524095	5.19	
87 Bromoform	173	9.285	9.285	0.0	96	60866	4.67	
89 Isopropylbenzene	105	9.427	9.428	-0.001	95	805033	5.13	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	82	171718	4.94	
92 Bromobenzene	156	9.748	9.748	0.0	87	198751	4.87	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	49	37621	4.64	
94 1,2,3-Trichloropropane	110	9.771	9.772	-0.001	67	55156	5.11	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	226751	5.18	
96 2-Chlorotoluene	126	9.925	9.926	-0.001	96	189639	5.02	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	73	668681	5.15	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	98	205749	5.11	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	592597	5.19	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	70	701683	5.14	
102 sec-Butylbenzene	105	10.530	10.531	0.0	93	815099	5.11	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	401633	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.0	91	686428	5.08	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	415325	4.96	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	575204	4.94	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	396469	5.09	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	62	23488	4.73	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	90	242057	4.91	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	88	105230	4.80	
115 Naphthalene	128	12.997	12.985	0.012	100	494797	4.94	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	235481	4.99	
S 128 1,2-Dichloroethene, Total	96				0		9.73	
S 129 1,3-Dichloropropene, Total	75				0		9.25	
S 130 Xylenes, Total	106				0		10.3	
S 131 Trihalomethanes, Total	1				0		19.2	

Report Date: 11-Mar-2014 13:09:26

Chrom Revision: 2.1 15-Jan-2014 14:06:26

Data File: WNCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1541.D

TestAmerica Canton

Injection Date: 10-Mar-2014 14:30:30

Instrument ID: A3UX17

Lims ID: STD8260 L3

Lab Sample ID:

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260_17

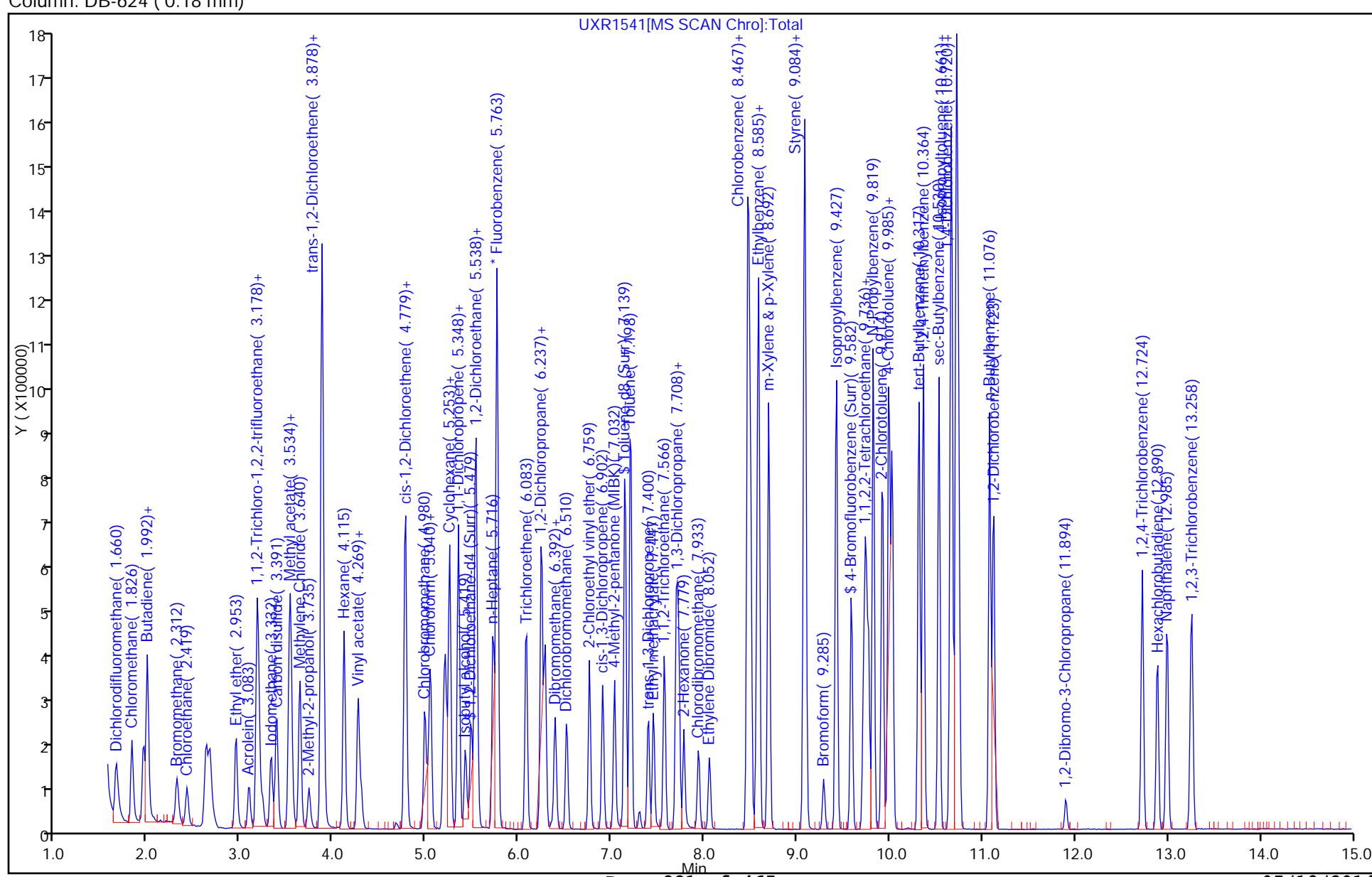
Limit Group: MSV 8260B ICAL

Column: DB-624 (0.18 mm)

Operator ID: 1644

Worklist Smp#: 5

ALS Bottle#: 4



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1542.D
 Lims ID: STD8260 L2 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 10-Mar-2014 14:52:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-006
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:27 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:28:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1197145	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	914066	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	520422	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.182	0.012	49	26460	0.9731	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	35234	1.02	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	86	119979	0.9582	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	81	41929	0.9335	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	72	39793	0.9823	
10 Chloromethane	50	1.826	1.826	0.0	85	48719	1.02	
11 Vinyl chloride	62	1.945	1.957	-0.012	71	44142	0.9691	
119 Butadiene	54	1.992	1.992	0.0	0	43669	1.01	
12 Bromomethane	94	2.312	2.313	-0.001	80	17601	1.01	
13 Chloroethane	64	2.419	2.419	0.0	67	21351	0.9869	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	72	45119	0.9608	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	75	41506	1.00	
16 Ethyl ether	59	2.953	2.953	0.0	72	28295	0.9890	
18 Acrolein	56	3.095	3.095	0.0	69	18760	4.61	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	92	27697	0.9405	
20 1,1,2-Trichloro-1,2,2-trifluoro	151	3.190	3.190	0.0	74	22900	0.9605	
21 Acetone	43	3.237	3.238	-0.001	89	21708	1.87	
22 Iodomethane	142	3.332	3.332	0.0	95	42676	0.9376	
23 Carbon disulfide	76	3.392	3.392	0.0	97	76090	0.8933	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	84	15535	0.8995	
26 Methyl acetate	43	3.546	3.546	0.0	97	105108	5.01	
27 Methylene Chloride	84	3.641	3.641	0.0	89	38745	1.04	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	83	17144	9.60	
29 Acrylonitrile	53	3.878	3.878	0.0	99	106460	9.56	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	82	74523	0.9573	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	89	32633	0.9515	
32 Hexane	86	4.115	4.115	0.0	86	8007	0.9343	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	68	57313	0.9555	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	88	22017	0.9162	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	55	27669	0.9041	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	76	36410	0.9810	
40 2-Butanone (MEK)	43	4.791	4.779	0.012	89	23920	2.04	
44 Chlorobromomethane	128	4.992	4.993	-0.001	75	15131	0.9202	
45 Tetrahydrofuran	42	5.028	5.028	0.0	72	14394	1.96	
46 Chloroform	83	5.040	5.052	-0.012	77	51891	0.9471	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	82	34631	0.8704	
48 Cyclohexane	56	5.253	5.253	0.0	87	56247	0.9321	
50 Carbon tetrachloride	117	5.348	5.348	0.0	59	31108	0.9157	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	89	41871	0.9556	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	65	19326	25.1	
52 Benzene	78	5.526	5.538	-0.012	93	147558	0.9893	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	78	38979	0.9417	
55 n-Heptane	100	5.716	5.728	-0.012	85	7937	0.9881	
57 Trichloroethene	130	6.083	6.084	-0.001	82	34052	0.9670	
59 Methylcyclohexane	83	6.238	6.238	0.0	83	49990	0.8975	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	82	31929	0.9312	
63 1,4-Dioxane	88	6.392	6.392	0.0	12	6375	22.1	
62 Dibromomethane	93	6.392	6.392	0.0	81	16723	0.9686	
64 Dichlorobromomethane	83	6.510	6.510	0.0	80	31569	0.8827	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	74	30087	1.75	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	64	35497	0.8434	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	86	39453	1.75	
69 Toluene	91	7.210	7.210	0.0	94	138722	0.9182	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	64	23440	0.8969	
71 Ethyl methacrylate	69	7.447	7.447	0.0	69	26798	0.9424	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	78	26326	0.9545	
73 Tetrachloroethene	164	7.696	7.696	0.0	86	27209	0.9583	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	79	49547	0.9701	
76 2-Hexanone	43	7.779	7.779	0.0	92	25690	1.69	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	61	19704	0.8583	
79 Ethylene Dibromide	107	8.052	8.052	0.0	79	21815	0.8819	
81 Chlorobenzene	112	8.503	8.503	0.0	90	92393	0.9639	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	81	23695	0.8673	
83 Ethylbenzene	106	8.586	8.586	0.0	96	45089	0.8818	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	99	57029	0.9088	
85 o-Xylene	106	9.072	9.072	0.0	95	53907	0.8960	
86 Styrene	104	9.096	9.084	0.012	89	79889	0.8024	
87 Bromoform	173	9.285	9.285	0.0	78	11064	0.8608	
89 Isopropylbenzene	105	9.428	9.428	0.0	92	132528	0.8568	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	67	32337	0.9616	
92 Bromobenzene	156	9.736	9.748	-0.012	90	38237	0.9680	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	9	4862	0.8808	
94 1,2,3-Trichloropropene	110	9.771	9.772	-0.001	34	10386	0.99	
95 N-Propylbenzene	120	9.819	9.819	0.0	95	36886	0.8697	
96 2-Chlorotoluene	126	9.926	9.926	0.0	93	32774	0.8968	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	70	110137	0.8757	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	92	36622	0.9390	
99 tert-Butylbenzene	119	10.317	10.317	0.0	85	96146	0.8703	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	87	115144	0.8719	
102 sec-Butylbenzene	105	10.530	10.531	0.0	84	139351	0.9021	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	92	79668	1.01	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	84	110915	0.8486	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	81	78840	0.9733	
108 n-Butylbenzene	91	11.076	11.076	0.0	88	97581	0.8657	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	91	72283	0.9595	
111 1,2-Dibromo-3-Chloropropane	157	11.894	11.906	-0.012	10	4295	1.08	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	78	45435	0.9528	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	72	24156	1.14	
115 Naphthalene	128	12.985	12.985	0.0	100	83219	0.8591	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	94	46909	1.03	
S 128 1,2-Dichloroethene, Total	96				0		1.93	
S 129 1,3-Dichloropropene, Total	75				0		1.74	
S 130 Xylenes, Total	106				0		1.80	
S 131 Trihalomethanes, Total	1				0		3.55	

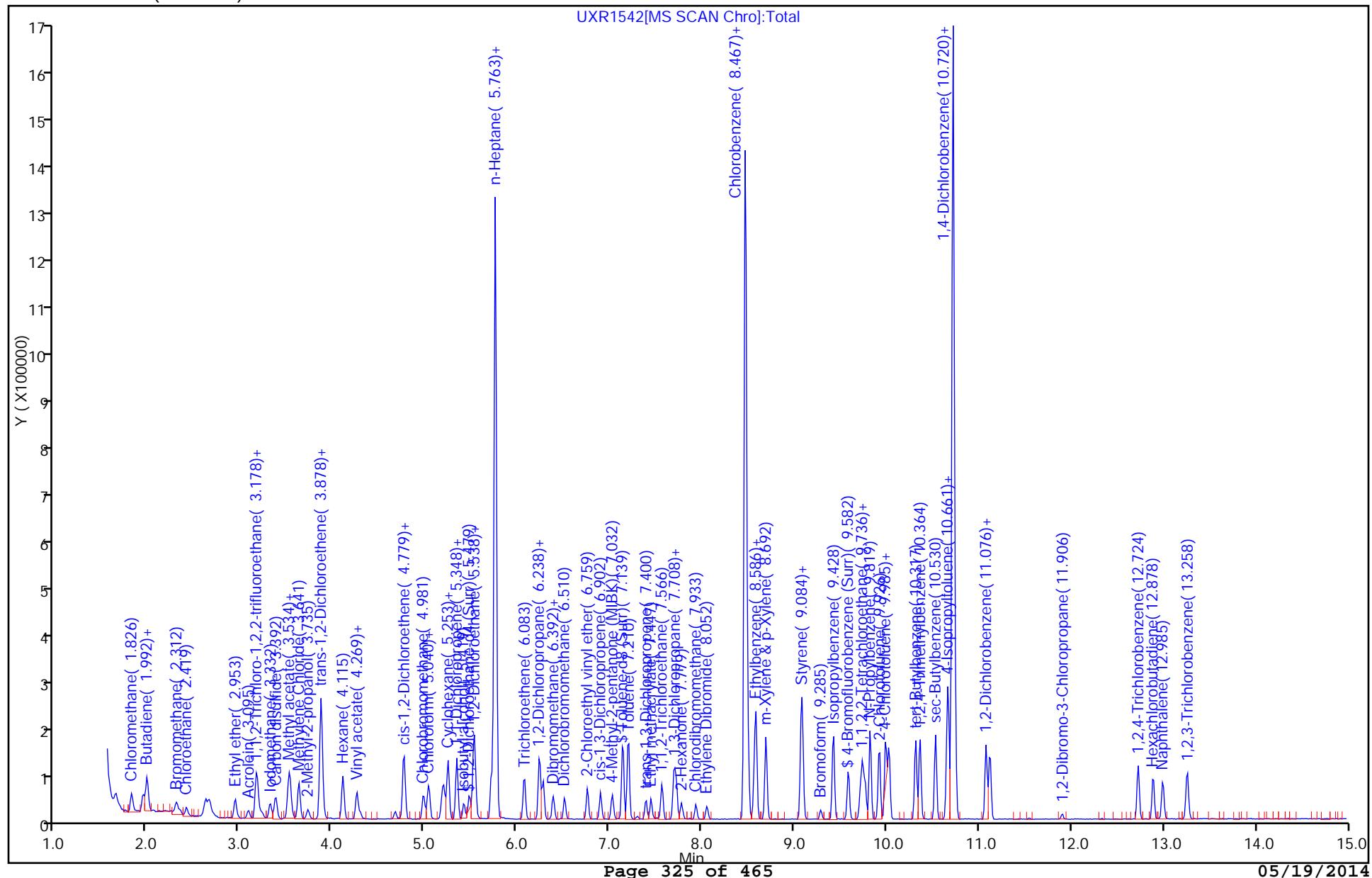
TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1542.D
 Injection Date: 10-Mar-2014 14:52:30
 Lims ID: STD8260 L2
 Client ID:
 Purge Vol: 5.000 mL
 Method: 8260_17
 Column: DB-624 (0.18 mm)

Instrument ID: A3UX17
 Lab Sample ID:
 Dil. Factor: 1.0000
 Limit Group: MSV 8260B ICAL

Operator ID: 1644
 Worklist Smp#: 6

ALS Bottle#: 5



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1543.D
 Lims ID: STD8260 L1 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 10-Mar-2014 15:15:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-007
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:29 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 10-Mar-2014 16:32:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1205666	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	86	907243	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	93	501688	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	46	16468	0.6013	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.491	5.479	0.012	0	21154	0.6088	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.139	0.012	73	70314	0.5658	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	71	26336	0.5907	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	58	22330	0.5473	
10 Chloromethane	50	1.826	1.826	0.0	83	27753	0.5749	
11 Vinyl chloride	62	1.957	1.957	0.0	56	27470	0.5988	
119 Butadiene	54	2.004	1.992	0.012	0	26392	0.6056	
12 Bromomethane	94	2.324	2.313	0.011	67	10504	0.5967	
13 Chloroethane	64	2.431	2.419	0.012	44	13864	0.6363	
14 Dichlorofluoromethane	67	2.633	2.633	0.0	73	25332	0.5357	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	71	23655	0.5673	
16 Ethyl ether	59	2.953	2.953	0.0	78	16011	0.5557	
18 Acrolein	56	3.095	3.095	0.0	50	8594	2.10	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	76	16016	0.5400	
20 1,1,2-Trichloro-1,2,2-trifluoro	151	3.190	3.190	0.0	54	12487	0.5200	
21 Acetone	43	3.238	3.238	0.0	67	14881	0.9566	
22 Iodomethane	142	3.332	3.332	0.0	89	24621	0.5371	
23 Carbon disulfide	76	3.392	3.392	0.0	94	43343	0.5053	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	79	8159	0.4691	
26 Methyl acetate	43	3.546	3.546	0.0	94	53387	2.53	
27 Methylene Chloride	84	3.641	3.641	0.0	74	23670	0.6302	
28 2-Methyl-2-propanol	59	3.736	3.736	0.0	75	11486	6.39	
29 Acrylonitrile	53	3.878	3.878	0.0	99	57540	5.13	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	77	40329	0.5144	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	84	19080	0.5524	
32 Hexane	86	4.115	4.115	0.0	88	4305	0.4988	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	58	30979	0.5128	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	61	10501	0.5744	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	51	15382	0.4991	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	51	20530	0.5492	
40 2-Butanone (MEK)	43	4.791	4.779	0.012	62	12200	1.03	
44 Chlorobromomethane	128	4.993	4.993	0.0	70	9020	0.5447	
45 Tetrahydrofuran	42	5.028	5.028	0.0	69	7291	0.9839	
46 Chloroform	83	5.052	5.052	0.0	51	29351	0.5319	
47 1,1,1-Trichloroethane	97	5.218	5.206	0.012	70	20278	0.5060	
48 Cyclohexane	56	5.253	5.253	0.0	84	31078	0.5114	
50 Carbon tetrachloride	117	5.348	5.348	0.0	49	17545	0.5128	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	83	22858	0.5180	
51 Isobutyl alcohol	41	5.431	5.420	0.011	64	9687	12.7	
52 Benzene	78	5.538	5.538	0.0	93	84920	0.5653	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	70	23436	0.5622	
55 n-Heptane	100	5.716	5.728	-0.012	82	4092	0.5058	
57 Trichloroethene	130	6.084	6.084	0.0	75	20007	0.5641	
59 Methylcyclohexane	83	6.238	6.238	0.0	74	29578	0.5273	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	69	18207	0.5272	
63 1,4-Dioxane	88	6.392	6.392	0.0	1	2224	7.65	
62 Dibromomethane	93	6.392	6.392	0.0	77	9299	0.5348	
64 Dichlorobromomethane	83	6.510	6.510	0.0	59	18361	0.5097	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	65	15826	0.9138	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	49	19600	0.4624	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	82	21595	0.9499	
69 Toluene	91	7.210	7.210	0.0	93	76708	0.5116	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	50	12735	0.6099	
71 Ethyl methacrylate	69	7.447	7.447	0.0	57	12784	0.5757	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	71	14947	0.5460	
73 Tetrachloroethene	164	7.696	7.696	0.0	86	15275	0.5420	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	66	26066	0.5142	
76 2-Hexanone	43	7.779	7.779	0.0	76	13017	0.8617	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	33	10132	0.4447	
79 Ethylene Dibromide	107	8.052	8.052	0.0	49	12314	0.5016	
81 Chlorobenzene	112	8.503	8.503	0.0	89	51060	0.5367	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	68	13531	0.4990	
83 Ethylbenzene	106	8.586	8.586	0.0	90	24912	0.4909	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	93	29282	0.4701	
85 o-Xylene	106	9.072	9.072	0.0	87	26246	0.4395	
86 Styrene	104	9.096	9.084	0.012	86	43822	0.4434	
87 Bromoform	173	9.285	9.285	0.0	23	5356	0.4198	
89 Isopropylbenzene	105	9.428	9.428	0.0	82	68122	0.4437	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	51	17433	0.5377	
92 Bromobenzene	156	9.748	9.748	0.0	78	19900	0.5226	
93 trans-1,4-Dichloro-2-butene	53	9.772	9.772	0.0	1	2375	0.5950	
94 1,2,3-Trichloropropene	110	9.772	9.772	0.0	29	5002	0.4964	
95 N-Propylbenzene	120	9.819	9.819	0.0	92	18662	0.4564	
96 2-Chlorotoluene	126	9.914	9.926	-0.012	87	18364	0.5213	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	70	53087	0.4379	
98 4-Chlorotoluene	126	10.021	10.021	0.0	82	18782	0.4996	
99 tert-Butylbenzene	119	10.317	10.317	0.0	75	50283	0.4722	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	71	57000	0.4477	
102 sec-Butylbenzene	105	10.530	10.531	0.0	70	67985	0.4565	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	88	39408	0.5175	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	79	53119	0.4216	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	75	43370	0.5554	
108 n-Butylbenzene	91	11.076	11.076	0.0	81	51274	0.4719	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	82	38574	0.5311	
111 1,2-Dibromo-3-Chloropropane	157	11.894	11.906	-0.012	1	1292	0.4908	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	50	24297	0.5286	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	40	12548	0.6130	
115 Naphthalene	128	12.985	12.985	0.0	90	39042	0.4181	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	68	23833	0.5411	
S 128 1,2-Dichloroethene, Total	96				0		1.10	
S 129 1,3-Dichloropropene, Total	75				0		1.07	
S 130 Xylenes, Total	106				0		0.9096	
S 131 Trihalomethanes, Total	1				0		1.91	

Report Date: 11-Mar-2014 13:09:29

Chrom Revision: 2.1 15-Jan-2014 14:06:26

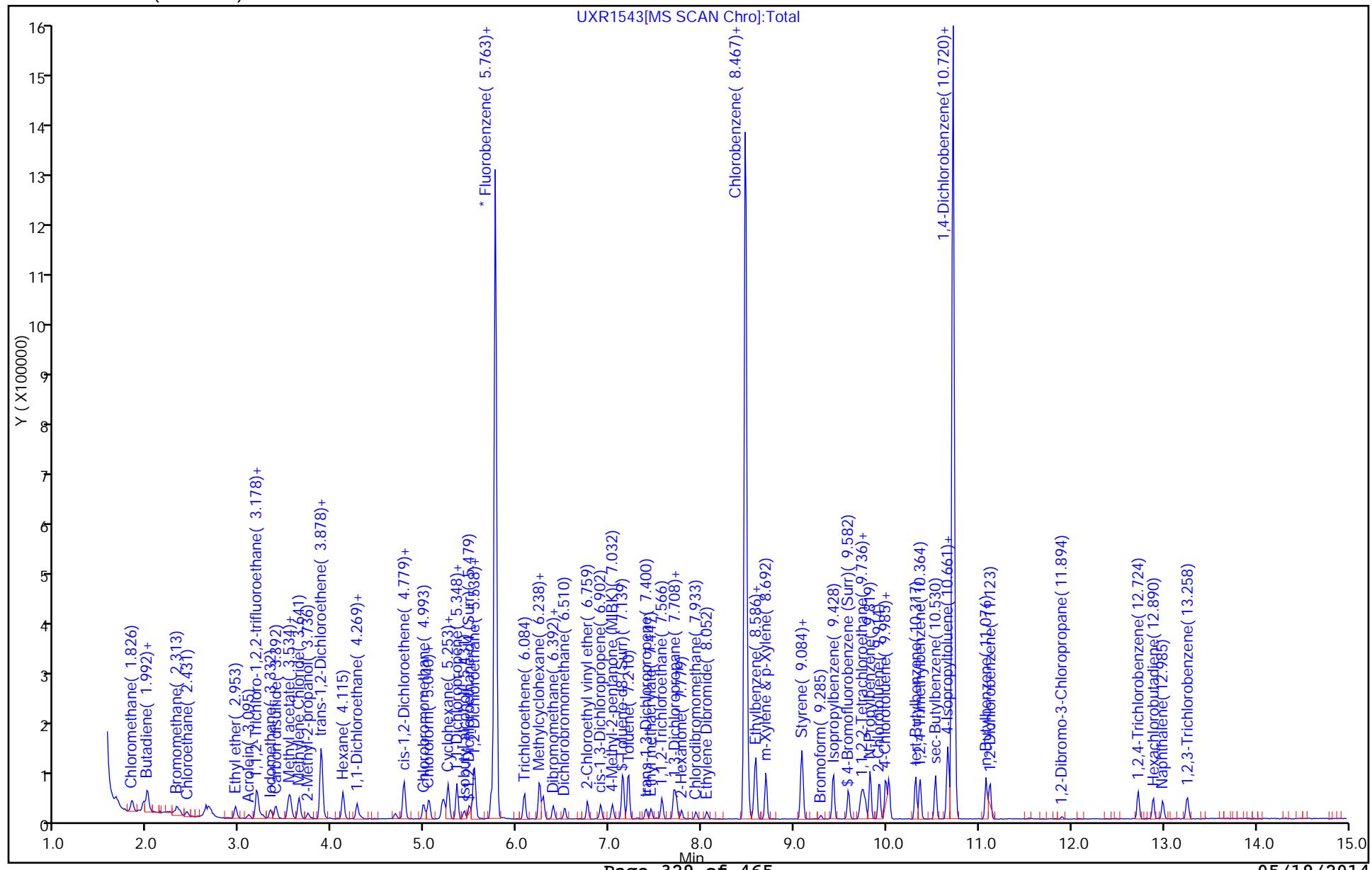
TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1543.D
 Injection Date: 10-Mar-2014 15:15:30
 Lims ID: STD8260 L1
 Client ID:
 Purge Vol: 5.000 mL
 Method: 8260_17
 Column: DB-624 (0.18 mm)

Instrument ID: A3UX17
 Lab Sample ID:
 Dil. Factor: 1.0000
 Limit Group: MSV 8260B ICAL

Operator ID: 1644
 Worklist Smp#: 7

ALS Bottle#: 6



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.:

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-121946/13	UXR1550.D
Level 2	STDA9 240-121946/12	UXR1548.D
Level 3	STDA9 240-121946/11	UXR1547.D
Level 4	STDA9 240-121946/10	UXR1546.D
Level 5	STDA9 240-121946/9	UXR1545.D
Level 6	STDA9 240-121946/8	UXR1544.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0359 0.0349	0.0361	0.0345	0.0338	0.0350	Ave		0.0350				2.5		15.0			
Isopropyl ether	0.2345 0.2701	0.2243	0.2393	0.2460	0.2621	Ave		0.2461				7.0		15.0			
Chloroprene	0.3556 0.4842	0.4197	0.4295	0.4330	0.4704	Ave		0.4321				10.0		15.0			
Tert-butyl ethyl ether	0.7257 0.7987	0.6775	0.7019	0.7173	0.7695	Ave		0.7318				6.1		15.0			
Ethyl acetate	0.1398 0.1547	0.1392	0.1469	0.1480	0.1548	Ave		0.1472				4.7		15.0			
Propionitrile	0.0350 0.0375	0.0363	0.0367	0.0364	0.0384	Ave		0.0367				3.1		15.0			
Methacrylonitrile	0.1502 0.1584	0.1569	0.1564	0.1573	0.1605	Ave		0.1566				2.2		15.0			
Tert-amyl methyl ether	0.5590 0.6323	0.5257	0.5537	0.5681	0.6049	Ave		0.5739				6.7		15.0			
n-Butanol	0.0043 0.0069	0.0053	0.0056	0.0061	0.0068	Lin1	-0.082	0.0069						0.9980		0.9900	
Ethyl acrylate	0.2401 0.3005	0.2404	0.2609	0.2724	0.2927	Ave		0.2678				9.6		15.0			
Methyl methacrylate	0.1686 0.2149	0.1790	0.1986	0.2032	0.2167	Ave		0.1968				9.8		15.0			
2-Nitropropane	0.0370 0.0415	0.0287	0.0310	0.0318	0.0382	Ave		0.0347				14.0		15.0			
Cyclohexanone	0.0107 0.0143	0.0111	0.0115	0.0131	0.0139	Ave		0.0124				12.0		15.0			
Pentachloroethane	0.2039 0.2459	0.1728	0.1709	0.1922	0.2255	Ave		0.2019				15.0		15.0			
1,2,3-Trimethylbenzene	1.9871 3.0179	2.3943	2.6161	2.7827	2.9818	Ave		2.6300				15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton

Job No.: 240-36937-1

Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	0.0585 0.1835	0.0874	0.0898	0.1109	0.1511	Qua	-0.111	0.1163	0.0018						0.9990		0.9900
1,3,5-Trichlorobenzene	0.8934 1.1233	1.0805	1.0769	1.0928	1.1075	Ave		1.0624				8.0		15.0			
2-Methylnaphthalene	0.3629 ++++	0.8172	1.0143	1.2620	1.4050	Lin1	-2.393	1.4151							0.9960		0.9900
n-Butyl acetate	0.1188 0.1550	0.1129	0.1134	0.1310	0.1444	Ave		0.1293				14.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-121946/13	UXR1550.D
Level 2	STDA9 240-121946/12	UXR1548.D
Level 3	STDA9 240-121946/11	UXR1547.D
Level 4	STDA9 240-121946/10	UXR1546.D
Level 5	STDA9 240-121946/9	UXR1545.D
Level 6	STDA9 240-121946/8	UXR1544.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	43877 1680057	88247	210205	416495	857490	10.0 400	20.0	50.0	100	200
Isopropyl ether	FB	Ave	28632 1301220	54880	145974	303465	641223	1.00 40.0	2.00	5.00	10.0	20.0
Chloroprene	FB	Ave	43425 2332605	102660	262020	534100	1150973	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	88609 3847209	165733	428170	884690	1882756	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl acetate	FB	Ave	34128 1490155	68086	179275	365050	757477	2.00 80.0	4.00	10.0	20.0	40.0
Propionitrile	FB	Ave	42710 1804052	88900	223773	448425	939294	10.0 400	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	183345 7630937	383730	954120	1940567	3927820	10.0 400	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	68256 3045531	128594	337787	700737	1479868	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Lin1	9805 627912	24189	65048	140769	319230	25.0 1000	50.0	125	250	500
Ethyl acrylate	FB	Ave	29313 1447390	58803	159159	335961	716143	1.00 40.0	2.00	5.00	10.0	20.0
Methyl methacrylate	FB	Ave	41184 2070471	87592	242264	501176	1060186	2.00 80.0	4.00	10.0	20.0	40.0
2-Nitropropane	FB	Ave	9040 399931	14030	37879	78550	186973	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	7370 293131	10774	28086	65062	141367	10.0 400	20.0	50.0	100	200
Pentachloroethane	CBZ	Ave	37337 1794101	62661	159140	355916	844733	2.00 80.0	4.00	10.0	20.0	40.0
1,2,3-Trimethylbenzene	DCB	Ave	136318 6198086	232044	641684	1381103	3022372	1.00 40.0	2.00	5.00	10.0	20.0
Benzyl chloride	DCB	Qua	4015 376794	8470	22034	55045	153185	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-36937-1 Analy Batch No.: 121946

SDG No.: _____

Instrument ID: A3UX17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/10/2014 15:38 Calibration End Date: 03/10/2014 21:35 Calibration ID: 21040

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	61288 2307056	104719	264159	542359	1122635	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Lin1	49785 +++++	158396	497595	1252661	2848327	2.00 +++++	4.00	10.0	20.0	40.0
n-Butyl acetate	CBZ	Ave	10881 565508	20470	52804	121313	270488	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1544.D
 Lims ID: STDA9 L6 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 10-Mar-2014 15:38:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-008
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:30 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:22:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1204236	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	87	911856	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	93	513442	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	1680057	398.3	
35 Isopropyl ether	87	4.305	4.305	0.0	94	1301220	43.9	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	2332605	44.8	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	97	3847209	43.7	
41 Ethyl acetate	43	4.826	4.827	-0.001	99	1490155	84.1	
42 Propionitrile	54	4.850	4.850	0.0	98	1804052	408.2	
43 Methacrylonitrile	41	4.980	4.981	-0.001	90	7630937	404.6	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	95	3045531	44.1	
56 n-Butanol	56	5.988	5.989	-0.001	87	627912	1015.4	
58 Ethyl acrylate	55	6.143	6.155	-0.012	99	1447390	44.9	
61 Methyl methacrylate	41	6.344	6.344	0.0	91	2070471	87.3	
65 2-Nitropropane	41	6.724	6.724	0.0	96	399931	95.7	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	565508	48.0	
90 Cyclohexanone	55	9.546	9.546	0.0	90	293131	458.9	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	1794101	97.5	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	6198086	45.9	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	376794	39.9	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	97	2307056	42.3	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	4736054	66.9	

Report Date: 11-Mar-2014 13:09:31

Chrom Revision: 2.1 15-Jan-2014 14:06:26

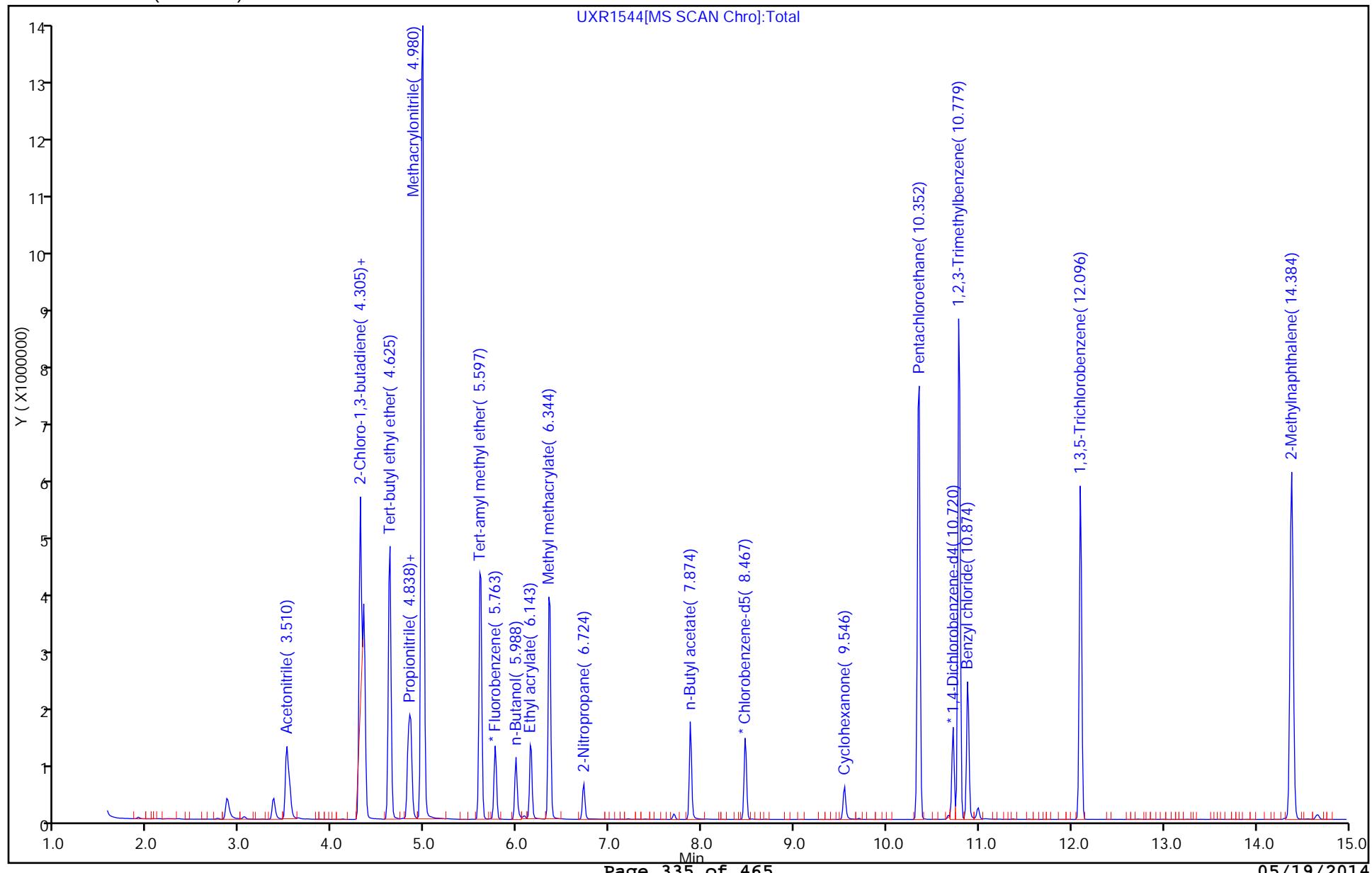
TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1544.D
Injection Date: 10-Mar-2014 15:38:30
Lims ID: STDA9 L6
Client ID:
Purge Vol: 5.000 mL
Method: 8260_17
Column: DB-624 (0.18 mm)

Instrument ID: A3UX17
Lab Sample ID:
Dil. Factor: 1.0000
Limit Group: MSV 8260B ICAL

Operator ID: 1644
Worklist Smp#: 8

ALS Bottle#: 7



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1545.D
 Lims ID: STDA9 L5 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 10-Mar-2014 16:00:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-009
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:32 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:39:31

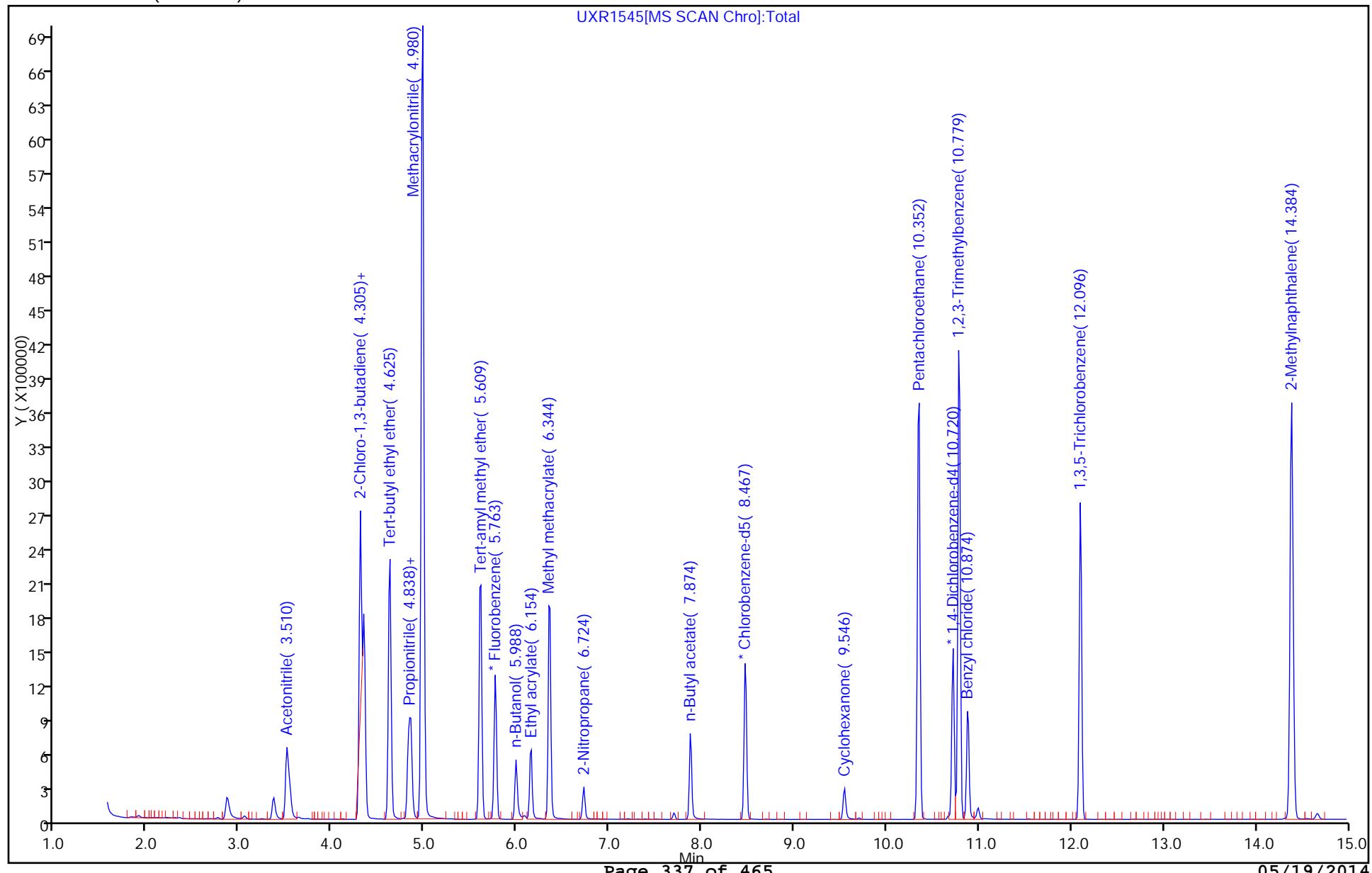
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1223284	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	936592	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	506811	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	857490	200.1	
35 Isopropyl ether	87	4.305	4.305	0.0	94	641223	21.3	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	88	1150973	21.8	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	96	1882756	21.0	
41 Ethyl acetate	43	4.826	4.827	-0.001	99	757477	42.1	
42 Propionitrile	54	4.850	4.850	0.0	99	939294	209.2	
43 Methacrylonitrile	41	4.980	4.981	-0.001	91	3927820	205.0	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	94	1479868	21.1	
56 n-Butanol	56	5.988	5.989	-0.001	88	319230	508.7	
58 Ethyl acrylate	55	6.154	6.155	-0.001	99	716143	21.9	
61 Methyl methacrylate	41	6.344	6.344	0.0	91	1060186	44.0	
65 2-Nitropropane	41	6.724	6.724	0.0	95	186973	44.0	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	270488	22.3	
90 Cyclohexanone	55	9.546	9.546	0.0	89	141367	224.2	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	844733	44.7	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	3022372	22.7	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	153185	20.6	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	96	1122635	20.8	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	2848327	41.4	

Report Date: 11-Mar-2014 13:09:32

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1545.D
 Injection Date: 10-Mar-2014 16:00:30 Instrument ID: A3UX17
 Lims ID: STDA9 L5 Lab Sample ID:
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)

Operator ID: 1644
Worklist Smp#: 9

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1546.D
 Lims ID: STDA9 L4 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 10-Mar-2014 16:23:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-010
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:33 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:36:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1233429	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	925904	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	496317	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	416495	96.4	
35 Isopropyl ether	87	4.305	4.305	0.0	94	303465	10.0	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	534100	10.0	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	96	884690	9.80	
41 Ethyl acetate	43	4.827	4.827	0.0	97	365050	20.1	
42 Propionitrile	54	4.850	4.850	0.0	99	448425	99.1	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	1940567	100.5	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	700737	9.90	
56 n-Butanol	56	5.989	5.989	0.0	88	140769	233.6	
58 Ethyl acrylate	55	6.155	6.155	0.0	98	335961	10.2	
61 Methyl methacrylate	41	6.344	6.344	0.0	90	501176	20.6	
65 2-Nitropropane	41	6.724	6.724	0.0	97	78550	18.3	
77 n-Butyl acetate	56	7.874	7.874	0.0	97	121313	10.1	
90 Cyclohexanone	55	9.546	9.546	0.0	87	65062	105.4	
100 Pentachloroethane	167	10.353	10.353	0.0	0	355916	19.0	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	98	1381103	10.6	
107 Benzyl chloride	126	10.886	10.886	0.0	0	55045	9.21	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	98	542359	10.3	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	100	1252661	19.5	

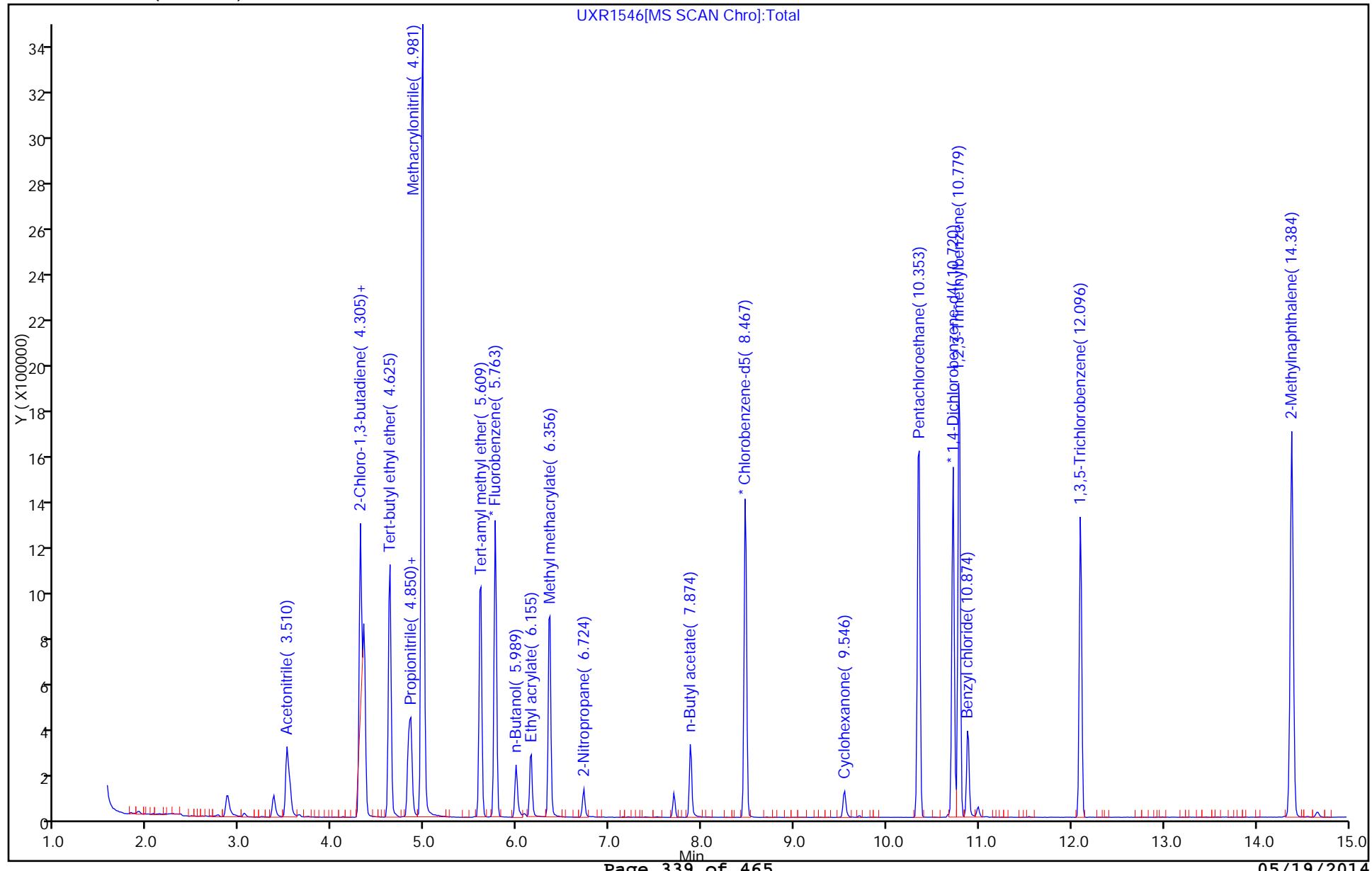
Report Date: 11-Mar-2014 13:09:33

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1546.D
Injection Date: 10-Mar-2014 16:23:30 Instrument ID: A3UX17
Lims ID: STDA9 L4 Lab Sample ID:
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Operator ID: 1644
Worklist Smp#: 10



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1547.D
 Lims ID: STDA9 L3 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 10-Mar-2014 16:46:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-011
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:34 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:36:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1220004	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	931250	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	490571	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	98	210205	49.2	
35 Isopropyl ether	87	4.305	4.305	0.0	94	145974	4.86	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	88	262020	4.97	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	95	428170	4.80	
41 Ethyl acetate	43	4.827	4.827	0.0	98	179275	9.98	
42 Propionitrile	54	4.850	4.850	0.0	98	223773	50.0	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	954120	49.9	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	337787	4.82	
56 n-Butanol	56	5.989	5.989	0.0	86	65048	113.8	
58 Ethyl acrylate	55	6.155	6.155	0.0	97	159159	4.87	
61 Methyl methacrylate	41	6.356	6.344	0.012	90	242264	10.1	
65 2-Nitropropane	41	6.724	6.724	0.0	99	37879	8.94	
77 n-Butyl acetate	56	7.874	7.874	0.0	98	52804	4.39	
90 Cyclohexanone	55	9.546	9.546	0.0	83	28086	46.0	
100 Pentachloroethane	167	10.353	10.353	0.0	0	159140	8.47	
106 1,2,3-Trimethylbenzene	105	10.780	10.779	0.001	98	641684	4.97	
107 Benzyl chloride	126	10.886	10.886	0.0	0	22034	4.51	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	96	264159	5.07	
117 2-Methylnaphthalene	142	14.385	14.384	0.001	99	497595	8.86	

Report Date: 11-Mar-2014 13:09:34

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File:

\WNCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1547.D

Injection Date:

10-Mar-2014 16:46:30

Lims ID:

STDA9 L3

Client ID:

Purge Vol: 5.000 mL

Method: 8260_17

Column: DB-624 (0.18 mm)

Instrument ID: A3UX17

Lab Sample ID:

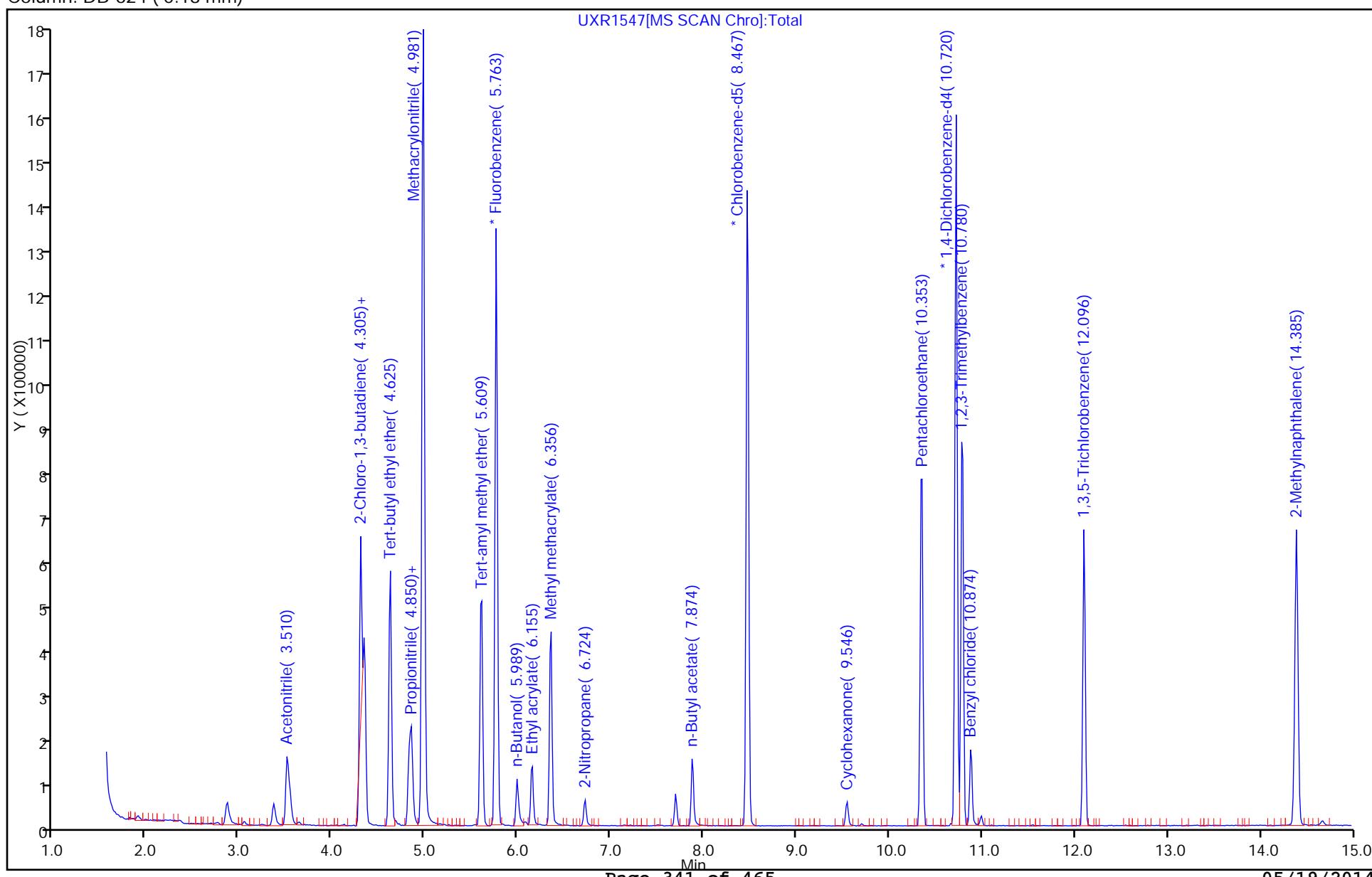
Operator ID: 1644

Worklist Smp#: 11

Dil. Factor: 1.0000

Limit Group: MSV 8260B ICAL

ALS Bottle#: 10



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1548.D
 Lims ID: STDA9 L2 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 10-Mar-2014 17:08:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-012
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:35 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:05:00

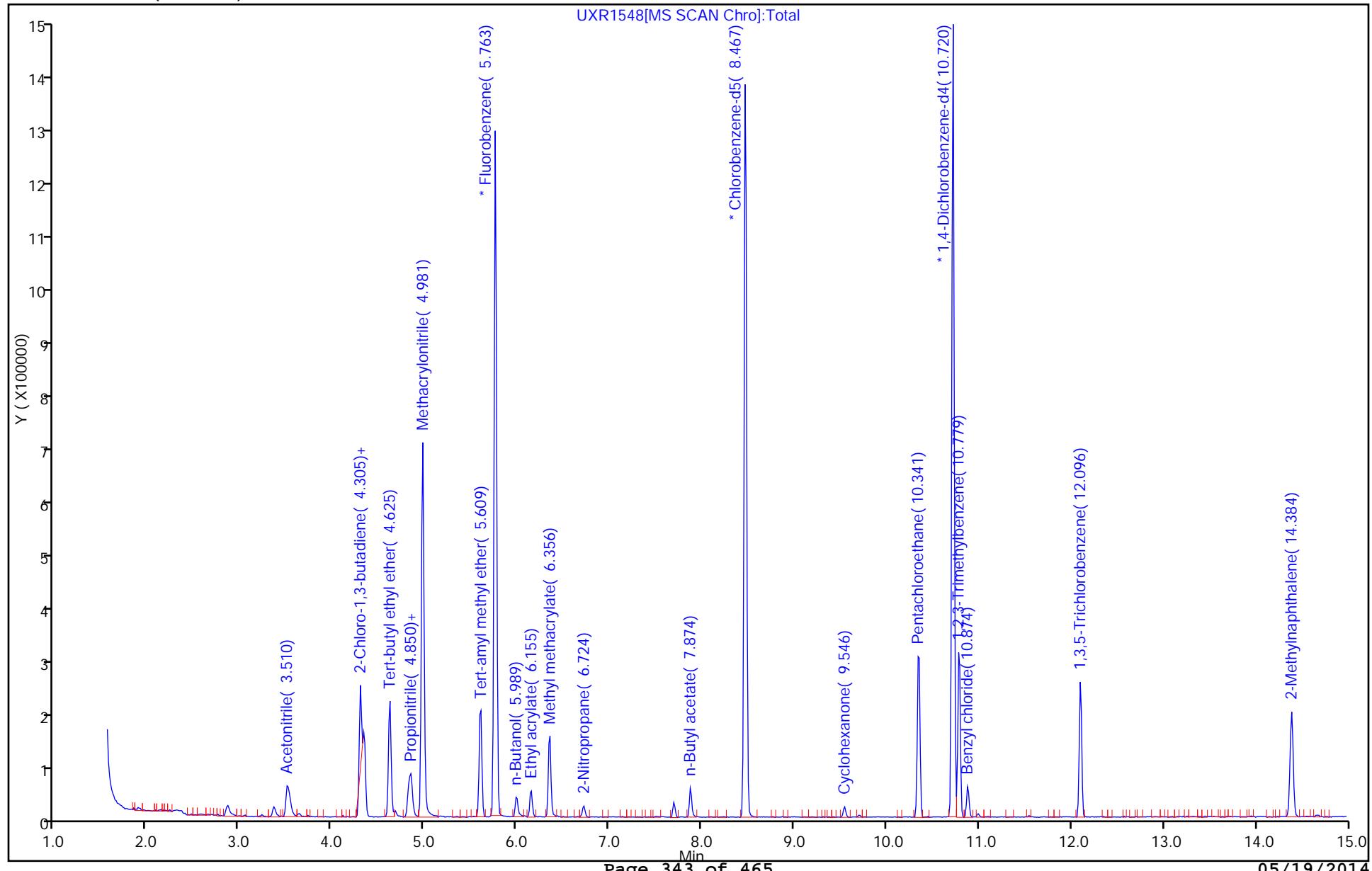
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1223100	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	87	906736	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	484566	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	99	88247	20.6	
35 Isopropyl ether	87	4.305	4.305	0.0	93	54880	1.82	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	87	102660	1.94	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	94	165733	1.85	
41 Ethyl acetate	43	4.826	4.827	-0.001	94	68086	3.78	
42 Propionitrile	54	4.850	4.850	0.0	96	88900	19.8	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	383730	20.0	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	93	128594	1.83	
56 n-Butanol	56	5.989	5.989	0.0	90	24189	50.9	
58 Ethyl acrylate	55	6.155	6.155	0.0	86	58803	1.80	
61 Methyl methacrylate	41	6.344	6.344	0.0	90	87592	3.64	
65 2-Nitropropane	41	6.724	6.724	0.0	85	14030	3.30	
77 n-Butyl acetate	56	7.874	7.874	0.0	88	20470	1.75	
90 Cyclohexanone	55	9.546	9.546	0.0	62	10774	17.9	
100 Pentachloroethane	167	10.352	10.353	-0.001	0	62661	3.42	
106 1,2,3-Trimethylbenzene	105	10.779	10.779	0.0	96	232044	1.82	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	8470	2.37	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	94	104719	2.03	
117 2-Methylnaphthalene	142	14.384	14.384	0.0	99	158396	4.00	

Report Date: 11-Mar-2014 13:09:35

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1548.D
Injection Date: 10-Mar-2014 17:08:30 Instrument ID: A3UX17 Operator ID: 1644
Lims ID: STDA9 L2 Lab Sample ID: Worklist Smp#: 12
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 11
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Lims ID: STDA9 L1 Lab Sample ID:
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 10-Mar-2014 21:35:30 ALS Bottle#: 13 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-013
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:36 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: williamsla Date: 11-Mar-2014 09:05:56

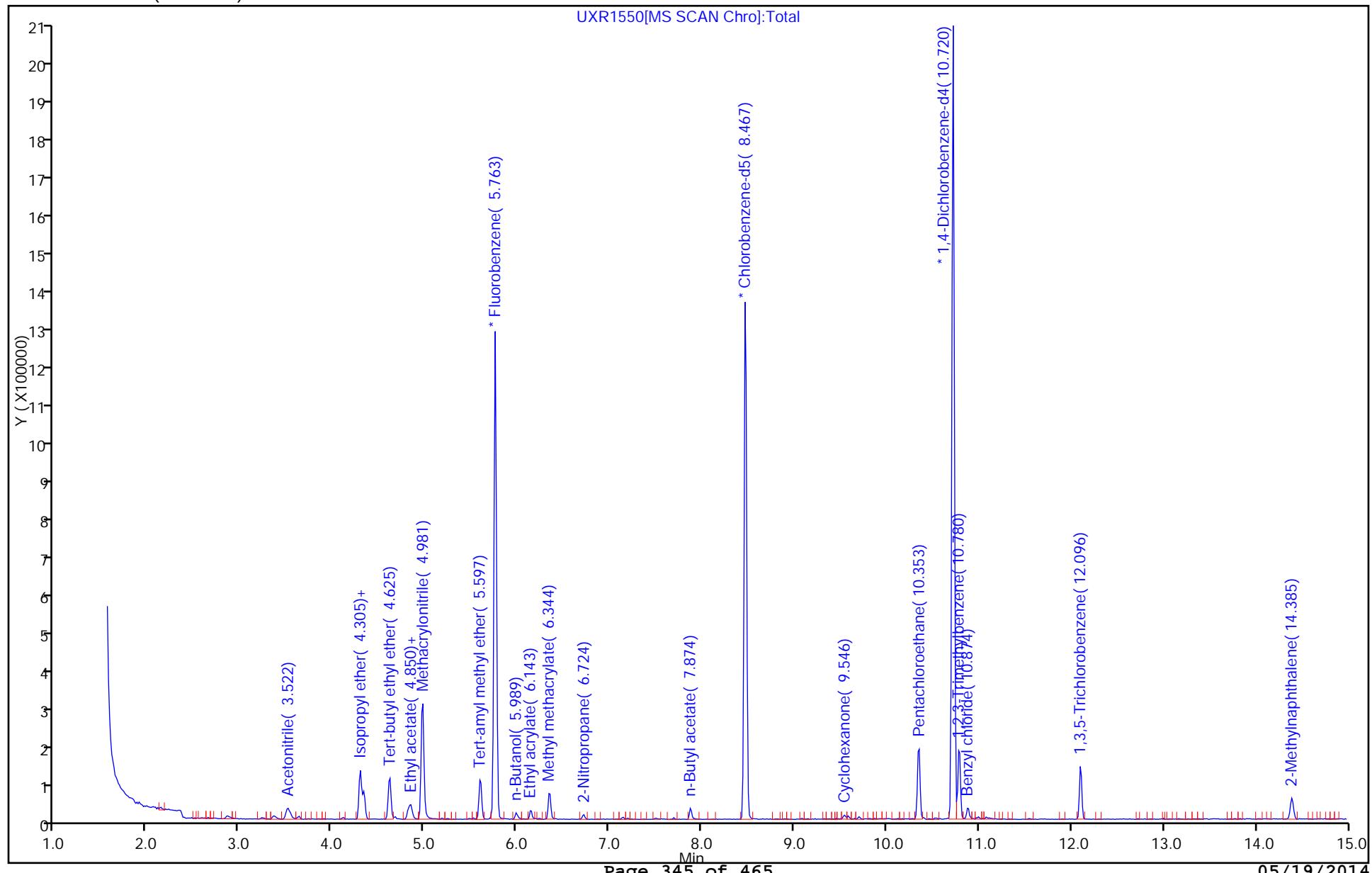
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	99	1221009	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	915693	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	94	686011	10.0	
24 Acetonitrile	41	3.510	3.510	0.0	97	43877	10.3	
35 Isopropyl ether	87	4.305	4.305	0.0	92	28632	0.9530	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.0	73	43425	0.8231	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.0	94	88609	0.99	
41 Ethyl acetate	43	4.827	4.827	0.0	93	34128	1.90	
42 Propionitrile	54	4.850	4.850	0.0	92	42710	9.53	
43 Methacrylonitrile	41	4.981	4.981	0.0	90	183345	9.59	
54 Tert-amyl methyl ether	73	5.609	5.609	0.0	92	68256	0.9740	
56 n-Butanol	56	5.989	5.989	0.0	82	9805	27.6	
58 Ethyl acrylate	55	6.143	6.155	-0.012	82	29313	0.8964	
61 Methyl methacrylate	41	6.344	6.344	0.0	82	41184	1.71	
65 2-Nitropropane	41	6.724	6.724	0.0	72	9040	2.13	
77 n-Butyl acetate	56	7.874	7.874	0.0	91	10881	0.9193	
90 Cyclohexanone	55	9.546	9.546	0.0	54	7370	8.64	
100 Pentachloroethane	167	10.353	10.353	0.0	0	37337	2.02	
106 1,2,3-Trimethylbenzene	105	10.780	10.779	0.001	94	136318	0.7556	
107 Benzyl chloride	126	10.874	10.886	-0.012	0	4015	1.43	
112 1,3,5-Trichlorobenzene	180	12.096	12.096	0.0	91	61288	0.8409	
117 2-Methylnaphthalene	142	14.385	14.384	0.0	89	49785	2.20	

Report Date: 11-Mar-2014 13:09:36

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: WNCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
Injection Date: 10-Mar-2014 21:35:30 Instrument ID: A3UX17
Lims ID: STDA9 L1 Lab Sample ID:
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Operator ID: 1644
Worklist Smp#: 13

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-130073/14 Calibration Date: 05/09/2014 19:00
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8185.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1985	0.1400		0.0100	-29.5	50.0	
Chloromethane	Ave	0.1970	0.1476	0.1000	0.0100	-25.1	50.0	
Vinyl chloride	Ave	0.2108	0.1706		0.0100	-19.0	20.0	
Butadiene	Ave	0.1830	0.1479		0.00808	0.0100	-19.2	50.0
Bromomethane	Ave	0.0911	0.0760		0.0100	-16.6	50.0	
Chloroethane	Ave	0.1136	0.0947		0.0100	-16.6	50.0	
Dichlorofluoromethane	Ave	0.2275	0.1933		0.0100	-15.0	50.0	
Trichlorofluoromethane	Ave	0.1958	0.1783		0.0100	-9.0	50.0	
Ethyl ether	Ave	0.2509	0.2391		0.0100	-4.7	50.0	
Acrolein	Ave	0.0215	0.0199		0.0500	-7.6	50.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1135	0.1231		0.0100	8.4	50.0	
1,1-Dichloroethene	Ave	0.2072	0.1962		0.0100	-5.3	20.0	
Acetone	Lin1		0.0786		0.0200	-1.0	50.0	
Iodomethane	Ave	0.2505	0.2405		0.0100	-4.0	50.0	
Carbon disulfide	Ave	0.4821	0.4621		0.0100	-4.1	50.0	
3-Chloro-1-propene	Ave	0.1996	0.1794		0.0100	-10.1	50.0	
Methyl acetate	Ave	0.1930	0.1720		0.0500	-10.9	50.0	
Methylene Chloride	Ave	0.2532	0.2294		0.0100	-9.4	50.0	
2-Methyl-2-propanol	Ave	0.0162	0.0140		0.100	-13.8	50.0	
Acrylonitrile	Ave	0.0921	0.0887		0.100	-3.7	50.0	
Methyl tert-butyl ether	Ave	0.8562	0.8112		0.0100	-5.3	50.0	
trans-1,2-Dichloroethene	Ave	0.3256	0.3192		0.0100	-2.0	50.0	
Hexane	Ave	0.0680	0.0832		0.0100	22.4*	20.0	
1,1-Dichloroethane	Ave	0.5894	0.5746	0.1000	0.0100	-2.5	50.0	
Vinyl acetate	Ave	0.3779	0.4330		0.00800	14.6	50.0	
2,2-Dichloropropane	Ave	0.2677	0.2408		0.0100	-10.1	50.0	
2-Butanone	Ave	0.1100	0.1027		0.0200	-6.6	50.0	
cis-1,2-Dichloroethene	Ave	0.3496	0.3312		0.0100	-5.3	50.0	
Chlorobromomethane	Ave	0.1651	0.1486		0.0100	-10.0	50.0	
Tetrahydrofuran	Ave	0.0700	0.0635		0.0200	-9.3	50.0	
Chloroform	Ave	0.5712	0.5404		0.0100	-5.4	20.0	
1,1,1-Trichloroethane	Ave	0.3580	0.3503		0.0100	-2.1	50.0	
Cyclohexane	Ave	0.3609	0.3818		0.0100	5.8	50.0	
1,1-Dichloropropene	Ave	0.4262	0.4267		0.0100	0.1	50.0	
Carbon tetrachloride	Ave	0.2899	0.2949		0.0100	1.7	50.0	
Isobutanol	Lin1		0.0094		0.250	-5.3	50.0	
1,2-Dichloroethane	Ave	0.4746	0.4413		0.0100	-7.0	50.0	
Benzene	Ave	1.340	1.246		0.0100	-7.0	50.0	
n-Heptane	Ave	0.0635	0.0720		0.0100	13.4	50.0	
Trichloroethene	Ave	0.3264	0.3179		0.0100	-2.6	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-130073/14 Calibration Date: 05/09/2014 19:00
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8185.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.3197	0.2945		0.0100	-7.9	20.0	
Methylcyclohexane	Ave	0.3696	0.4015		0.0100	8.6	50.0	
Dibromomethane	Ave	0.1706	0.1633		0.0100	-4.3	50.0	
1,4-Dioxane	Qua		0.0010		0.200	-52.6*	50.0	
Bromodichloromethane	Ave	0.3780	0.3375		0.0100	-10.7	50.0	
2-Chloroethyl vinyl ether	Ave	0.1604	0.1465		0.0120	-8.7	50.0	
cis-1,3-Dichloropropene	Ave	0.4326	0.3974		0.0100	-8.1	50.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.1865	0.1820		0.0200	-2.4	50.0	
Toluene	Ave	2.289	2.134		0.0100	-6.8	20.0	
trans-1,3-Dichloropropene	Ave	0.6470	0.6448		0.0100	-0.3	50.0	
Ethyl methacrylate	Ave	0.5358	0.5075		0.0100	-5.3	50.0	
1,1,2-Trichloroethane	Ave	0.4427	0.4085		0.0100	-7.7	50.0	
1,3-Dichloropropane	Ave	0.7710	0.7223		0.0100	-6.3	50.0	
Tetrachloroethene	Ave	0.3773	0.3590		0.0100	-4.9	50.0	
2-Hexanone	Ave	0.2106	0.2116		0.0200	0.5	50.0	
Dibromochloromethane	Ave	0.3928	0.3687		0.0100	-6.1	50.0	
Ethylene Dibromide	Ave	0.3886	0.3729		0.0100	-4.0	50.0	
Chlorobenzene	Ave	1.267	1.156	0.3000	0.0100	-8.8	50.0	
1,1,1,2-Tetrachloroethane	Ave	0.4035	0.3770		0.0100	-6.6	50.0	
Ethylbenzene	Ave	0.6552	0.5994		0.0100	-8.5	20.0	
m-Xylene & p-Xylene	Ave	0.7899	0.7182		0.0100	-9.1	50.0	
o-Xylene	Ave	0.7034	0.6717		0.0100	-4.5	50.0	
Styrene	Ave	1.201	1.059		0.0100	-11.8	50.0	
Bromoform	Ave	0.1659	0.1466	0.1000	0.0100	-11.6	50.0	
Isopropylbenzene	Ave	1.620	1.476		0.0100	-8.9	50.0	
1,1,2,2-Tetrachloroethane	Ave	0.9139	0.8756	0.3000	0.0100	-4.2	50.0	
Bromobenzene	Ave	1.066	1.019		0.0100	-4.5	50.0	
1,2,3-Trichloropropane	Ave	0.3183	0.3301		0.0100	3.7	50.0	
trans-1,4-Dichloro-2-butene	Ave	0.2605	0.2618		0.0100	0.5	50.0	
N-Propylbenzene	Ave	1.039	0.9939		0.0100	-4.3	50.0	
2-Chlorotoluene	Ave	0.9005	0.8618		0.0100	-4.3	50.0	
1,3,5-Trimethylbenzene	Ave	2.930	2.717		0.0100	-7.3	50.0	
4-Chlorotoluene	Ave	0.9692	0.9034		0.0100	-6.8	50.0	
tert-Butylbenzene	Ave	2.418	2.227		0.0100	-7.9	50.0	
1,2,4-Trimethylbenzene	Ave	2.995	2.788		0.0100	-6.9	50.0	
sec-Butylbenzene	Ave	3.303	2.945		0.0100	-10.9	50.0	
1,3-Dichlorobenzene	Ave	1.744	1.620		0.0100	-7.1	50.0	
4-Isopropyltoluene	Ave	2.738	2.414		0.0100	-11.8	50.0	
1,4-Dichlorobenzene	Ave	1.844	1.698		0.0100	-7.9	50.0	
n-Butylbenzene	Ave	2.267	1.937		0.0100	-14.6	50.0	
1,2-Dichlorobenzene	Ave	1.737	1.615		0.0100	-7.0	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-130073/14 Calibration Date: 05/09/2014 19:00
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8185.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1379	0.1395		0.0100	1.1	50.0	
1,2,4-Trichlorobenzene	Ave	0.9562	0.8208		0.0100	-14.2	50.0	
Hexachlorobutadiene	Ave	0.3972	0.3100		0.0100	-21.9	50.0	
Naphthalene	Ave	2.399	2.113		0.0100	-11.9	50.0	
1,2,3-Trichlorobenzene	Ave	0.8915	0.7400		0.0100	-17.0	50.0	
Dibromofluoromethane (Surr)	Ave	0.2859	0.2435		0.00710	0.00834	-14.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3204		0.00674	0.00834	-19.2	50.0
Toluene-d8 (Surr)	Ave	1.968	1.711		0.00725	0.00834	-13.1	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.4353		0.00796	0.00834	-4.6	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8185.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 09-May-2014 19:00:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-014
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist:
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:09 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

Date:

10-May-2014 08:42:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1325617	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	83	724289	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	90	261315	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.804	0.011	98	269213	8.34	7.10	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	90	354195	8.34	6.74	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	1033315	8.34	7.25	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	88	262941	8.34	7.96	
9 Dichlorodifluoromethane	85	1.668	1.656	0.012	98	185605	10.0	7.05	
11 Chloromethane	50	1.810	1.810	0.000	100	195697	10.0	7.49	
12 Vinyl chloride	62	1.916	1.916	0.000	98	226187	10.0	8.10	
124 Butadiene	54	1.964	1.952	0.012	0	196016	10.0	8.08	
14 Bromomethane	94	2.224	2.224	0.000	89	100796	10.0	8.34	
15 Chloroethane	64	2.319	2.319	0.000	99	125552	10.0	8.34	
16 Dichlorofluoromethane	67	2.484	2.473	0.011	97	256280	10.0	8.50	
17 Trichlorofluoromethane	101	2.544	2.532	0.012	95	236327	10.0	9.10	
18 Ethyl ether	59	2.757	2.757	-0.001	88	316930	10.0	9.53	
19 Acrolein	56	2.863	2.863	0.000	88	131818	50.0	46.2	
20 1,1-Dichloroethene	96	2.993	2.981	0.012	99	260132	10.0	9.47	
22 Acetone	43	2.993	2.981	0.012	62	208388	20.0	19.8	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	73	163126	10.0	10.8	
24 Iodomethane	142	3.135	3.135	0.000	97	318766	10.0	9.60	
25 Carbon disulfide	76	3.194	3.183	0.011	99	612558	10.0	9.59	
29 Methyl acetate	43	3.265	3.265	0.000	97	1139924	50.0	44.5	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	77	237791	10.0	8.99	
28 Methylene Chloride	84	3.372	3.360	0.012	84	304054	10.0	9.06	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	96	184939	100.0	86.2	
31 Acrylonitrile	53	3.549	3.549	0.000	98	1176267	100.0	96.3	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	88	1075315	10.0	9.47	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	68	423107	10.0	9.80	
34 Hexane	86	3.821	3.822	-0.001	94	110306	10.0	12.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	761716	10.0	9.75	
36 Vinyl acetate	43	3.963	3.964	-0.001	98	459147	8.00	9.16	
45 2-Butanone (MEK)	43	4.425	4.413	0.012	57	272256	20.0	18.7	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	68	319189	10.0	8.99	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	439063	10.0	9.47	
44 Chlorobromomethane	128	4.626	4.626	0.000	95	196916	10.0	9.00	
46 Tetrahydrofuran	42	4.662	4.662	0.000	83	168327	20.0	18.1	
47 Chloroform	83	4.673	4.674	-0.001	95	716330	10.0	9.46	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	94	464420	10.0	9.79	
50 Cyclohexane	56	4.910	4.910	0.000	88	506144	10.0	10.6	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	95	565682	10.0	10.0	
52 Carbon tetrachloride	117	4.993	4.993	0.000	88	390929	10.0	10.2	
53 Isobutyl alcohol	41	5.028	5.028	0.000	87	169478	250.0	236.8	
54 Benzene	78	5.159	5.159	0.000	95	1651890	10.0	9.30	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	55	585013	10.0	9.30	
57 n-Heptane	100	5.372	5.360	0.012	87	95451	10.0	11.3	
59 Trichloroethene	130	5.703	5.691	0.012	97	421380	10.0	9.74	
61 Methylcyclohexane	83	5.880	5.880	0.000	89	532178	10.0	10.9	
62 1,2-Dichloropropane	63	5.880	5.880	0.000	92	390340	10.0	9.21	
63 Dibromomethane	93	5.987	5.987	0.000	92	216441	10.0	9.57	
64 1,4-Dioxane	88	5.999	5.987	0.012	18	27686	200.0	94.8	
66 Dichlorobromomethane	83	6.105	6.105	0.000	97	447363	10.0	8.93	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	233012	12.0	11.0	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	89	526770	10.0	9.19	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	97	482617	20.0	19.5	
71 Toluene	91	6.815	6.803	0.012	92	1545515	10.0	9.32	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	96	467000	10.0	9.97	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	367585	10.0	9.47	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	295886	10.0	9.23	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	90	523164	10.0	9.37	
75 Tetrachloroethene	164	7.312	7.312	0.000	77	260001	10.0	9.51	
77 2-Hexanone	43	7.371	7.371	0.000	96	306559	20.0	20.1	
78 Chlorodibromomethane	129	7.525	7.525	0.000	87	267071	10.0	9.39	
81 Ethylene Dibromide	107	7.643	7.644	-0.001	97	270089	10.0	9.60	
82 Chlorobenzene	112	8.093	8.093	0.000	94	837211	10.0	9.12	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	90	273079	10.0	9.34	
85 Ethylbenzene	106	8.188	8.188	0.000	98	434100	10.0	9.15	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	520185	10.0	9.09	
88 o-Xylene	106	8.685	8.673	0.012	88	486515	10.0	9.55	
87 Styrene	104	8.685	8.685	0.000	91	767357	10.0	8.82	
89 Bromoform	173	8.874	8.874	0.000	94	106191	10.0	8.84	
90 Isopropylbenzene	105	9.028	9.028	0.000	96	1068808	10.0	9.11	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	97	228814	10.0	9.58	
94 Bromobenzene	156	9.336	9.336	0.000	95	266178	10.0	9.55	
95 1,2,3-Trichloropropane	110	9.347	9.348	-0.001	75	86251	10.0	10.4	
97 trans-1,4-Dichloro-2-butene	53	9.347	9.359	-0.012	69	68409	10.0	10.1	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	259730	10.0	9.57	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	225188	10.0	9.57	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	89	710058	10.0	9.27	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	236059	10.0	9.32	
101 tert-Butylbenzene	119	9.927	9.927	0.000	80	581902	10.0	9.21	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	82	728647	10.0	9.31	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	769495	10.0	8.91	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	89	423407	10.0	9.29	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	630840	10.0	8.82	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	92	443648	10.0	9.21	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	506078	10.0	8.54	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	422118	10.0	9.30	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	63	364448	10.0	10.1	
115 1,2,4-Trichlorobenzene	180	12.317	12.318	-0.001	93	214473	10.0	8.58	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	94	81017	10.0	7.81	
117 Naphthalene	128	12.578	12.578	0.000	97	552247	10.0	8.81	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	93	193361	10.0	8.30	
S 132 Xylenes, Total	106				0		20.0	18.6	
S 133 Trihalomethanes, Total	1				0		40.0	36.6	

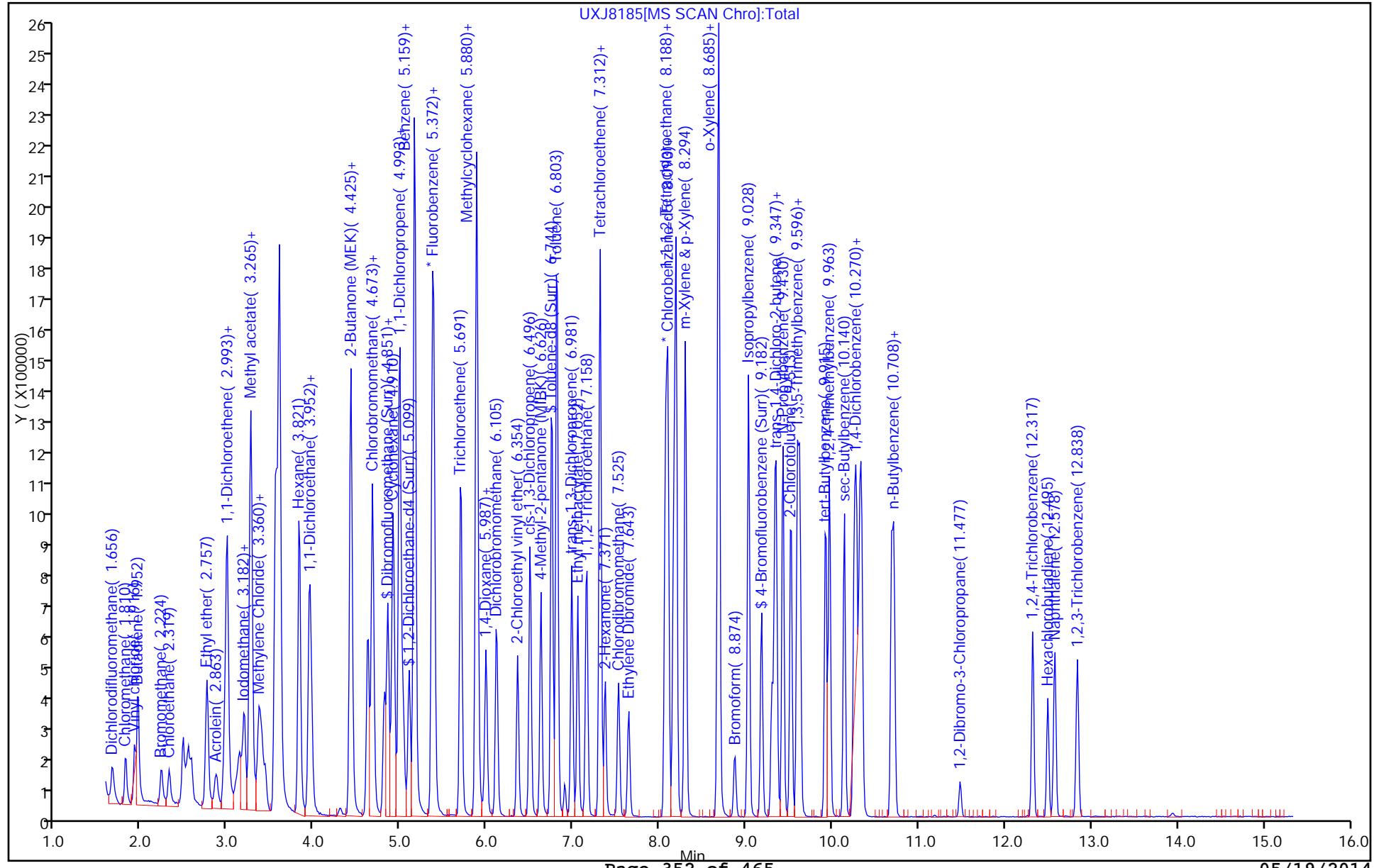
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Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8185.D
 Injection Date: 09-May-2014 19:00:30 Instrument ID: A3UX11
 Lims ID: ICV Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)

Worklist Smp#: 14



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-130073/15 Calibration Date: 05/09/2014 19:24
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8186.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2859	0.2457		0.00717	0.00834	-14.0	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3130		0.00658	0.00834	-21.1	50.0
Toluene-d8 (Surr)	Ave	1.968	1.641		0.00696	0.00834	-16.6	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.3984		0.00728	0.00834	-12.7	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
 Lims ID: ICV A9
 Client ID:
 Sample Type: ICV
 Inject. Date: 09-May-2014 19:24:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-015
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist:
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:17 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

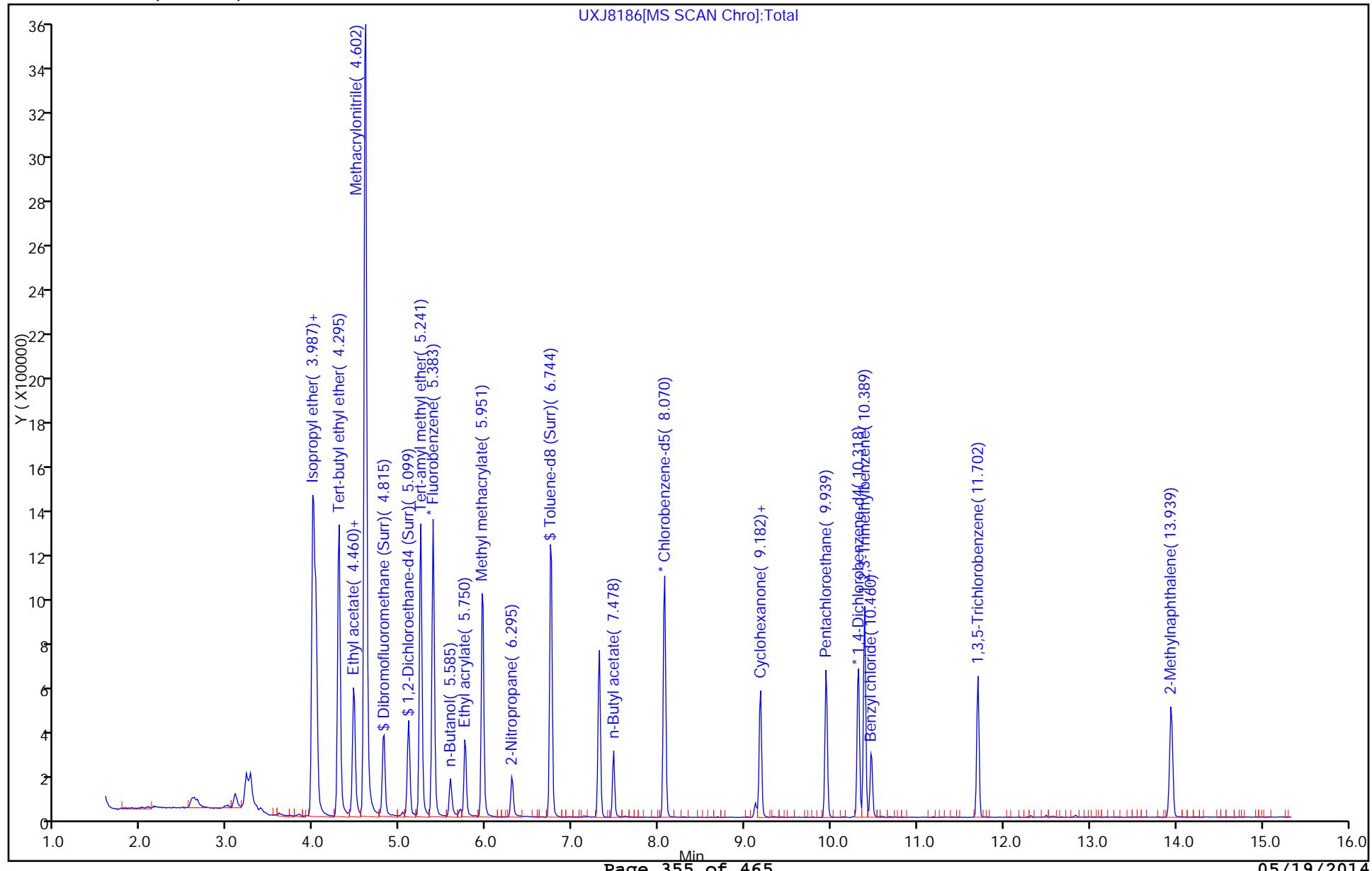
Date:

10-May-2014 10:11:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1305554	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	728191	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	230859	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.804	0.011	96	267546	8.34	7.17	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	340844	8.34	6.58	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	996707	8.34	6.96	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	241959	8.34	7.28	
27 Acetonitrile	41	3.218	3.218	0.000	99	274138	100.0	91.4	
37 Isopropyl ether	87	3.987	3.987	0.000	91	398124	10.0	10.6	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	649045	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207808	10.0	10.2	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	382355	20.0	17.5	
43 Propionitrile	54	4.460	4.461	-0.001	98	393620	100.0	95.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	2146000	100.0	100.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1093960	10.0	10.1	
58 n-Butanol	56	5.585	5.585	0.000	89	113431	250.0	217.3	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	398095	10.0	10.6	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	557821	20.0	19.6	
68 2-Nitropropane	41	6.295	6.295	0.000	99	119017	20.0	18.9	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	218110	10.0	8.87	
92 Cyclohexanone	55	9.123	9.123	0.000	86	34261	100.0	76.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	124460	20.0	19.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	664483	10.0	10.0	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	49489	10.0	9.24	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	236701	10.0	9.64	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	88	397641	20.0	15.4	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
 Injection Date: 09-May-2014 19:24:30 Instrument ID: A3UX11
 Lims ID: ICV A9 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-130073/15 Calibration Date: 05/09/2014 19:24
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 16:42
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 18:38
Lab File ID: UXJ8186.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0230	0.0210		0.100	-8.6	50.0	
Isopropyl ether	Ave	0.2871	0.3050		0.0100	6.2	50.0	
Chloroprene	Ave	0.4751	0.4971		0.0100	4.6	50.0	
Tert-butyl ethyl ether	Ave	0.9043	0.9251		0.0100	2.3	50.0	
Ethyl acetate	Ave	0.1671	0.1464		0.0200	-12.4	50.0	
Propionitrile	Ave	0.0316	0.0302		0.100	-4.7	50.0	
Methacrylonitrile	Ave	0.1635	0.1644		0.100	0.5	50.0	
Tert-amyl methyl ether	Ave	0.8337	0.8379		0.0100	0.5	50.0	
n-Butanol	Ave	0.0072	0.0062		0.250	-13.1	50.0	
Ethyl acrylate	Ave	0.2879	0.3049		0.0100	5.9	50.0	
Methyl methacrylate	Ave	0.2180	0.2136		0.0200	-2.0	50.0	
2-Nitropropane	Ave	0.0483	0.0456		0.0200	-5.7	50.0	
Cyclohexanone	Qua		0.0148		0.100	-23.2	50.0	
Pentachloroethane	Qua		0.0855		0.0197	0.0200	-1.3	50.0
1,2,3-Trimethylbenzene	Ave	2.881	2.878		0.00999	0.0100	-0.0	50.0
Benzyl chloride	Qua		0.2144		0.0100	-7.6	50.0	
1,3,5-Trichlorobenzene	Ave	1.064	1.025		0.0100	-3.6	50.0	
2-Methylnaphthalene	Ave	1.117	0.8612		0.0200	-22.9	50.0	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
 Lims ID: ICV A9
 Client ID:
 Sample Type: ICV
 Inject. Date: 09-May-2014 19:24:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030871-015
 Misc. Info.: J40509A-IC,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist:
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:12:17 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

First Level Reviewer: evansle

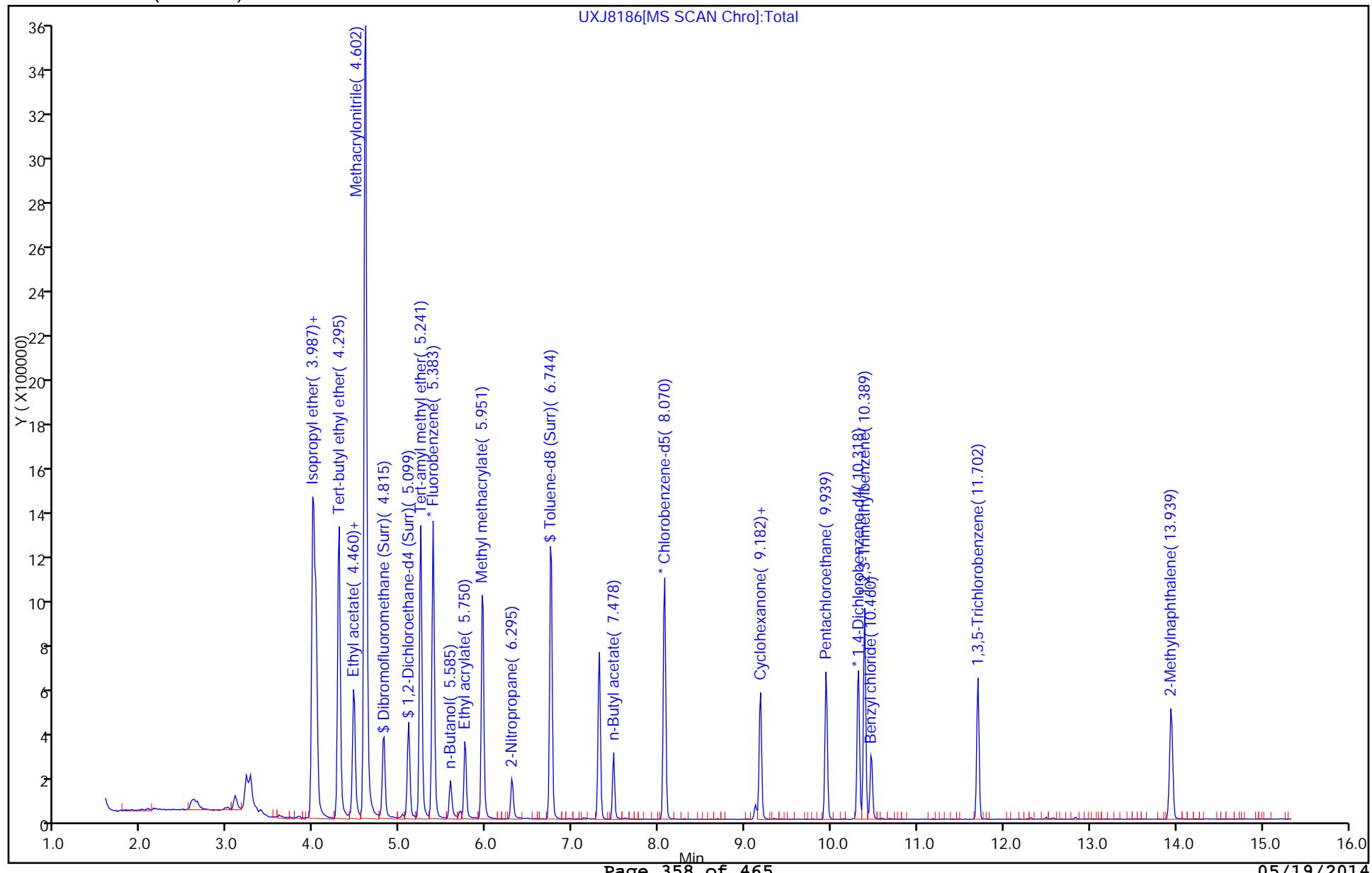
Date:

10-May-2014 10:11:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1305554	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	86	728191	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	230859	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.804	0.011	96	267546	8.34	7.17	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	340844	8.34	6.58	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	996707	8.34	6.96	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	241959	8.34	7.28	
27 Acetonitrile	41	3.218	3.218	0.000	99	274138	100.0	91.4	
37 Isopropyl ether	87	3.987	3.987	0.000	91	398124	10.0	10.6	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	649045	10.0	10.5	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207808	10.0	10.2	
42 Ethyl acetate	43	4.460	4.461	-0.001	98	382355	20.0	17.5	
43 Propionitrile	54	4.460	4.461	-0.001	98	393620	100.0	95.3	
48 Methacrylonitrile	41	4.602	4.603	0.000	92	2146000	100.0	100.5	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1093960	10.0	10.1	
58 n-Butanol	56	5.585	5.585	0.000	89	113431	250.0	217.3	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	398095	10.0	10.6	
65 Methyl methacrylate	41	5.951	5.951	0.000	89	557821	20.0	19.6	
68 2-Nitropropane	41	6.295	6.295	0.000	99	119017	20.0	18.9	
79 n-Butyl acetate	43	7.478	7.478	0.000	96	218110	10.0	8.87	
92 Cyclohexanone	55	9.123	9.123	0.000	86	34261	100.0	76.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	124460	20.0	19.7	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	664483	10.0	10.0	
110 Benzyl chloride	126	10.460	10.472	-0.012	0	49489	10.0	9.24	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	97	236701	10.0	9.64	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	88	397641	20.0	15.4	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8186.D
Injection Date: 09-May-2014 19:24:30 Instrument ID: A3UX11 Operator ID: 43582
Lims ID: ICV A9 Worklist Smp#: 15
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Lab Sample ID: CCVIS 240-130294/2 Calibration Date: 05/12/2014 22:45
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8247.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1985	0.1814		0.0100	-8.6	50.0	
Chloromethane	Ave	0.1970	0.1978	0.1000	0.0100	0.4	50.0	
Vinyl chloride	Ave	0.2108	0.2059		0.0100	-2.3	20.0	
Butadiene	Ave	0.1830	0.1754		0.00958	0.0100	-4.2	50.0
Bromomethane	Ave	0.0911	0.0948		0.0100	4.0	50.0	
Chloroethane	Ave	0.1136	0.1127		0.0100	-0.8	50.0	
Dichlorofluoromethane	Ave	0.2275	0.2104		0.0100	-7.5	50.0	
Trichlorofluoromethane	Ave	0.1958	0.1828		0.0100	-6.7	50.0	
Ethyl ether	Ave	0.2509	0.2521		0.0100	0.5	50.0	
Acrolein	Ave	0.0215	0.0255		0.0500	18.7	50.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1135	0.0984		0.0100	-13.4	50.0	
1,1-Dichloroethene	Ave	0.2072	0.2018		0.0100	-2.6	20.0	
Acetone	Lin1		0.0727		0.0200	-9.5	50.0	
Iodomethane	Ave	0.2505	0.2501		0.0100	-0.2	50.0	
Carbon disulfide	Ave	0.4821	0.4680		0.0100	-2.9	50.0	
3-Chloro-1-propene	Ave	0.1996	0.1983		0.0100	-0.7	50.0	
Methyl acetate	Ave	0.1930	0.1825		0.0500	-5.5	50.0	
Methylene Chloride	Ave	0.2532	0.2507		0.0100	-1.0	50.0	
2-Methyl-2-propanol	Ave	0.0162	0.0149		0.100	-8.0	50.0	
Acrylonitrile	Ave	0.0921	0.0903		0.100	-1.9	50.0	
Methyl tert-butyl ether	Ave	0.8562	0.8586		0.0100	0.3	50.0	
trans-1,2-Dichloroethene	Ave	0.3256	0.3197		0.0100	-1.8	50.0	
Hexane	Ave	0.0680	0.0576		0.0100	-15.3	20.0	
1,1-Dichloroethane	Ave	0.5894	0.5964	0.1000	0.0100	1.2	50.0	
Vinyl acetate	Ave	0.3779	0.3122		0.00960	-17.4	50.0	
2,2-Dichloropropane	Ave	0.2677	0.2536		0.0100	-5.3	50.0	
2-Butanone	Ave	0.1100	0.0995		0.0200	-9.5	50.0	
cis-1,2-Dichloroethene	Ave	0.3496	0.3479		0.0100	-0.5	50.0	
Chlorobromomethane	Ave	0.1651	0.1652		0.0100	0.0	50.0	
Chloroform	Ave	0.5712	0.5603		0.0100	-1.9	20.0	
Tetrahydrofuran	Ave	0.0700	0.0615		0.0200	-12.2	50.0	
1,1,1-Trichloroethane	Ave	0.3580	0.3618		0.0100	1.1	50.0	
Cyclohexane	Ave	0.3609	0.3194		0.0100	-11.5	50.0	
1,1-Dichloropropene	Ave	0.4262	0.3957		0.0100	-7.1	50.0	
Carbon tetrachloride	Ave	0.2899	0.2841		0.0100	-2.0	50.0	
Isobutanol	Lin1		0.0100		0.250	1.6	50.0	
1,2-Dichloroethane	Ave	0.4746	0.4646		0.0100	-2.1	50.0	
Benzene	Ave	1.340	1.312		0.0100	-2.1	50.0	
n-Heptane	Ave	0.0635	0.0474		0.0100	-25.4	50.0	
Trichloroethene	Ave	0.3264	0.3153		0.0100	-3.4	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.:

Lab Sample ID: CCVIS 240-130294/2 Calibration Date: 05/12/2014 22:45

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8247.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3696	0.3150		0.0100	-14.8	50.0	
1,2-Dichloropropane	Ave	0.3197	0.3190		0.0100	-0.2	20.0	
1,4-Dioxane	Qua		0.0013		0.200	-42.5	50.0	
Dibromomethane	Ave	0.1706	0.1686		0.0100	-1.2	50.0	
Bromodichloromethane	Ave	0.3780	0.3677		0.0100	-2.7	50.0	
2-Chloroethyl vinyl ether	Ave	0.1604	0.1502		0.0200	-6.3	50.0	
cis-1,3-Dichloropropene	Ave	0.4326	0.4110		0.0100	-5.0	50.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.1865	0.1793		0.0200	-3.9	50.0	
Toluene	Ave	2.289	2.174		0.0100	-5.0	20.0	
trans-1,3-Dichloropropene	Ave	0.6470	0.6131		0.0100	-5.2	50.0	
Ethyl methacrylate	Ave	0.5358	0.4955		0.0100	-7.5	50.0	
1,1,2-Trichloroethane	Ave	0.4427	0.4234		0.0100	-4.4	50.0	
1,3-Dichloropropane	Ave	0.7710	0.7464		0.0100	-3.2	50.0	
Tetrachloroethene	Ave	0.3773	0.3491		0.0100	-7.5	50.0	
2-Hexanone	Ave	0.2106	0.1999		0.0200	-5.1	50.0	
Dibromochloromethane	Ave	0.3928	0.3779		0.0100	-3.8	50.0	
Ethylene Dibromide	Ave	0.3886	0.3711		0.0100	-4.5	50.0	
Chlorobenzene	Ave	1.267	1.200	0.3000	0.0100	-5.3	50.0	
1,1,1,2-Tetrachloroethane	Ave	0.4035	0.3834		0.0100	-5.0	50.0	
Ethylbenzene	Ave	0.6552	0.6055		0.0100	-7.6	20.0	
m-Xylene & p-Xylene	Ave	0.7899	0.7249		0.0100	-8.2	50.0	
o-Xylene	Ave	0.7034	0.6631		0.0100	-5.7	50.0	
Styrene	Ave	1.201	1.129		0.0100	-6.0	50.0	
Bromoform	Ave	0.1659	0.1495	0.1000	0.0100	-9.9	50.0	
Isopropylbenzene	Ave	1.620	1.438		0.0100	-11.2	50.0	
1,1,2,2-Tetrachloroethane	Ave	0.9139	0.8188	0.3000	0.0100	-10.4	50.0	
Bromobenzene	Ave	1.066	0.9886		0.0100	-7.3	50.0	
1,2,3-Trichloropropane	Ave	0.3183	0.2960		0.0100	-7.0	50.0	
trans-1,4-Dichloro-2-butene	Ave	0.2605	0.2133		0.0100	-18.1	50.0	
N-Propylbenzene	Ave	1.039	0.9334		0.0100	-10.1	50.0	
2-Chlorotoluene	Ave	0.9005	0.8635		0.0100	-4.1	50.0	
1,3,5-Trimethylbenzene	Ave	2.930	2.615		0.0100	-10.8	50.0	
4-Chlorotoluene	Ave	0.9692	0.8965		0.0100	-7.5	50.0	
tert-Butylbenzene	Ave	2.418	2.060		0.0100	-14.8	50.0	
1,2,4-Trimethylbenzene	Ave	2.995	2.676		0.0100	-10.6	50.0	
sec-Butylbenzene	Ave	3.303	2.759		0.0100	-16.5	50.0	
1,3-Dichlorobenzene	Ave	1.744	1.591		0.0100	-8.8	50.0	
4-Isopropyltoluene	Ave	2.738	2.311		0.0100	-15.6	50.0	
1,4-Dichlorobenzene	Ave	1.844	1.674		0.0100	-9.2	50.0	
n-Butylbenzene	Ave	2.267	1.852		0.0100	-18.3	50.0	
1,2-Dichlorobenzene	Ave	1.737	1.614		0.0100	-7.1	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCVIS 240-130294/2 Calibration Date: 05/12/2014 22:45
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8247.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1379	0.1226			0.0100	-11.1	50.0
1,2,4-Trichlorobenzene	Ave	0.9562	0.7984			0.0100	-16.5	50.0
Hexachlorobutadiene	Ave	0.3972	0.2979			0.0100	-25.0	50.0
Naphthalene	Ave	2.399	1.958			0.0100	-18.4	50.0
1,2,3-Trichlorobenzene	Ave	0.8915	0.7487			0.0100	-16.0	50.0
Dibromofluoromethane (Surr)	Ave	0.2859	0.2397		0.00699	0.00834	-16.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3332		0.00701	0.00834	-16.0	50.0
Toluene-d8 (Surr)	Ave	1.968	1.652		0.00700	0.00834	-16.0	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.4190		0.00766	0.00834	-8.2	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8247.D
 Lims ID: CCVIS L4 8260
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 12-May-2014 22:45:30 ALS Bottle#: 32 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-002
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:57 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1301585	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	85	718311	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	88	271395	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	96	260236	8.34	6.99	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	361661	8.34	7.01	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	92	989871	8.34	7.00	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	251029	8.34	7.66	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	97	236100	10.0	9.14	
11 Chloromethane	50	1.822	1.822	0.000	100	257437	10.0	10.0	
12 Vinyl chloride	62	1.916	1.916	0.000	98	267994	10.0	9.77	
124 Butadiene	54	1.964	1.964	0.000	0	228232	10.0	9.58	
14 Bromomethane	94	2.236	2.236	0.000	87	123428	10.0	10.4	
15 Chloroethane	64	2.319	2.319	0.000	98	146665	10.0	9.92	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	97	273909	10.0	9.25	
17 Trichlorofluoromethane	101	2.543	2.543	0.000	95	237875	10.0	9.33	
18 Ethyl ether	59	2.756	2.756	0.000	92	328127	10.0	10.0	
19 Acrolein	56	2.863	2.863	0.000	94	166219	50.0	59.3	
22 Acetone	43	2.993	2.993	0.000	60	189328	20.0	18.1	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	99	262633	10.0	9.74	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	68	128009	10.0	8.66	
24 Iodomethane	142	3.135	3.135	0.000	97	325568	10.0	9.98	
25 Carbon disulfide	76	3.182	3.182	0.000	99	609089	10.0	9.71	
29 Methyl acetate	43	3.265	3.265	0.000	97	1187457	50.0	47.3	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	258052	10.0	9.93	
28 Methylene Chloride	84	3.360	3.360	0.000	85	326289	10.0	9.90	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	98	193806	100.0	92.0	
31 Acrylonitrile	53	3.549	3.549	0.000	98	1175646	100.0	98.1	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	90	1117523	10.0	10.0	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	97	416149	10.0	9.82	
34 Hexane	86	3.821	3.821	0.000	92	74950	10.0	8.47	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	776222	10.0	10.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.963	3.963	0.000	98	390105	9.60	7.93	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	85	330138	10.0	9.47	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	452810	10.0	9.95	
45 2-Butanone (MEK)	43	4.425	4.425	0.000	57	259055	20.0	18.1	
44 Chlorobromomethane	128	4.626	4.626	0.000	94	214992	10.0	10.0	
47 Chloroform	83	4.673	4.673	0.000	93	729254	10.0	9.81	
46 Tetrahydrofuran	42	4.673	4.673	0.000	83	159962	20.0	17.6	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	91	470949	10.0	10.1	
50 Cyclohexane	56	4.910	4.910	0.000	89	415676	10.0	8.85	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	515079	10.0	9.29	
52 Carbon tetrachloride	117	4.993	4.993	0.000	84	369752	10.0	9.80	
53 Isobutyl alcohol	41	5.028	5.028	0.000	88	179375	250.0	254.1	
54 Benzene	78	5.159	5.159	0.000	95	1707870	10.0	9.79	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	55	604687	10.0	9.79	
57 n-Heptane	100	5.372	5.372	0.000	88	61679	10.0	7.46	
59 Trichloroethene	130	5.703	5.703	0.000	96	410389	10.0	9.66	
61 Methylcyclohexane	83	5.880	5.880	0.000	90	409997	10.0	8.52	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	94	415236	10.0	9.98	
63 Dibromomethane	93	5.987	5.987	0.000	92	219423	10.0	9.88	
64 1,4-Dioxane	88	5.987	5.987	0.000	21	33754	200.0	115.1	
66 Dichlorobromomethane	83	6.105	6.105	0.000	97	478639	10.0	9.73	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	391099	20.0	18.7	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	89	534950	10.0	9.50	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	96	466616	20.0	19.2	
71 Toluene	91	6.815	6.815	0.000	92	1561560	10.0	9.50	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	440411	10.0	9.48	
73 Ethyl methacrylate	69	7.052	7.052	0.000	89	355893	10.0	9.25	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	92	304139	10.0	9.56	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	92	536138	10.0	9.68	
75 Tetrachloroethene	164	7.312	7.312	0.000	74	250738	10.0	9.25	
77 2-Hexanone	43	7.371	7.371	0.000	97	287121	20.0	19.0	
78 Chlorodibromomethane	129	7.525	7.525	0.000	90	271446	10.0	9.62	
81 Ethylene Dibromide	107	7.643	7.643	0.000	99	266592	10.0	9.55	
82 Chlorobenzene	112	8.093	8.093	0.000	93	862002	10.0	9.47	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	91	275367	10.0	9.50	
85 Ethylbenzene	106	8.188	8.188	0.000	98	434898	10.0	9.24	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	520674	10.0	9.18	
87 Styrene	104	8.685	8.685	0.000	89	810945	10.0	9.40	
88 o-Xylene	106	8.685	8.685	0.000	88	476318	10.0	9.43	
89 Bromoform	173	8.874	8.874	0.000	94	107381	10.0	9.01	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	1032848	10.0	8.88	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	97	222226	10.0	8.96	
94 Bromobenzene	156	9.336	9.336	0.000	93	268294	10.0	9.27	
97 trans-1,4-Dichloro-2-butene	53	9.347	9.347	0.000	60	57888	10.0	8.19	
95 1,2,3-Trichloropropene	110	9.347	9.347	0.000	74	80318	10.0	9.30	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	253329	10.0	8.99	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	234338	10.0	9.59	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	93	709569	10.0	8.92	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	243301	10.0	9.25	
101 tert-Butylbenzene	119	9.915	9.915	0.000	81	558957	10.0	8.52	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	73	726315	10.0	8.94	
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	748783	10.0	8.35	

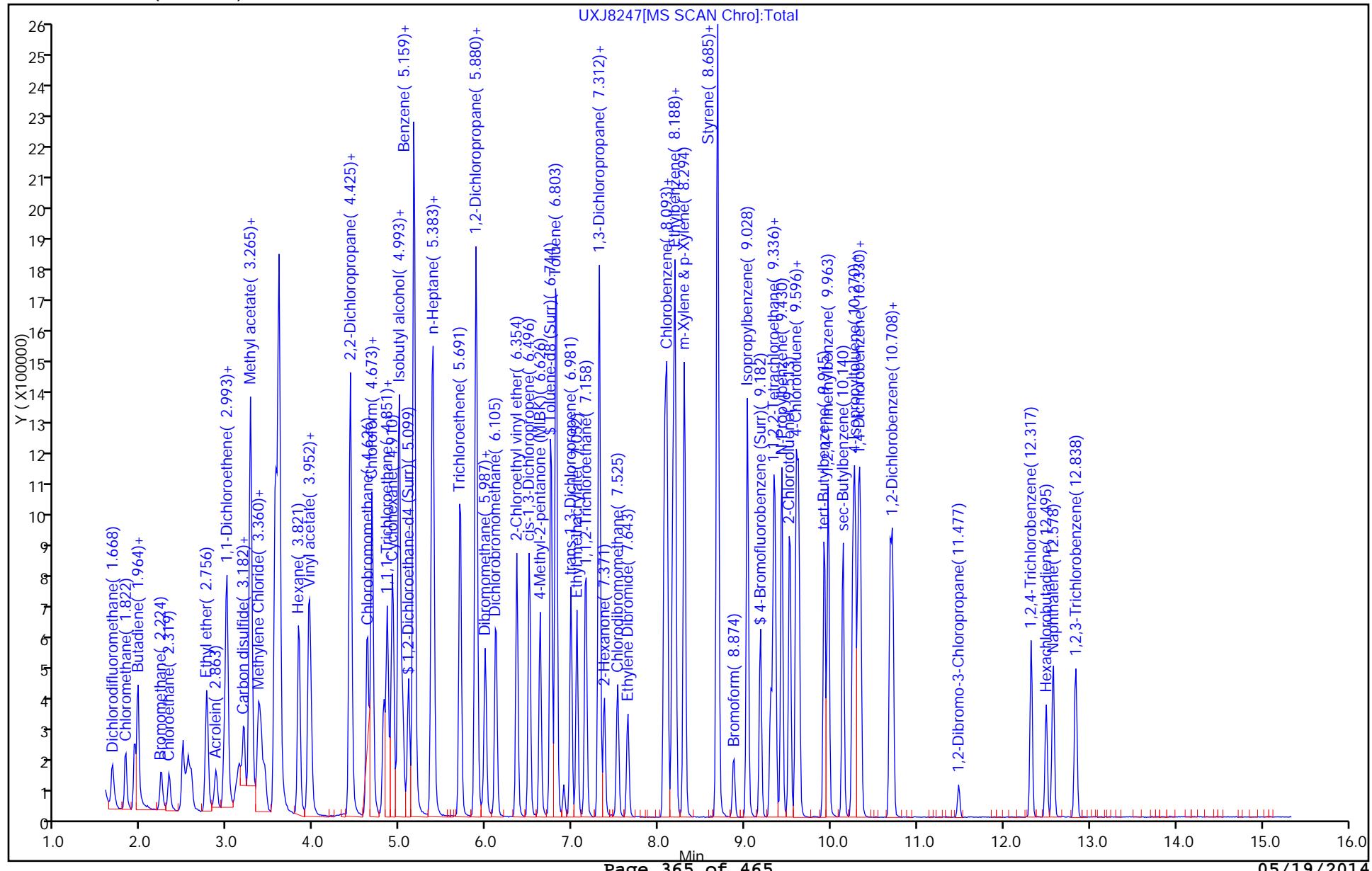
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	88	431839	10.0	9.12	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	627300	10.0	8.44	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	92	454310	10.0	9.08	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	502578	10.0	8.17	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	438000	10.0	9.29	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	63	33263	10.0	8.89	
115 1,2,4-Trichlorobenzene	180	12.317	12.317	0.000	93	216676	10.0	8.35	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	93	80834	10.0	7.50	
117 Naphthalene	128	12.578	12.578	0.000	96	531477	10.0	8.16	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	92	203182	10.0	8.40	
S 130 1,2-Dichloroethene, Total	96				0		20.0	19.8	
S 131 1,3-Dichloropropene, Total	75				0		20.0	19.0	
S 132 Xylenes, Total	106				0		20.0	18.6	
S 133 Trihalomethanes, Total	1				0		40.0	38.2	

Report Date: 13-May-2014 10:50:58

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8247.D
 Injection Date: 12-May-2014 22:45:30 Instrument ID: A3UX11
 Lims ID: CCVIS L4 8260 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 2
 Method: 8260_11
 Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCV 240-130294/3 Calibration Date: 05/12/2014 23:09
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8248.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2859	0.2450		0.00715	0.00834	-14.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3179		0.00668	0.00834	-19.8	50.0
Toluene-d8 (Surr)	Ave	1.968	1.667		0.00707	0.00834	-15.3	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.3980		0.00727	0.00834	-12.8	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8248.D
 Lims ID: CCV A9L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 12-May-2014 23:09:30 ALS Bottle#: 33 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-003
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub49
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle

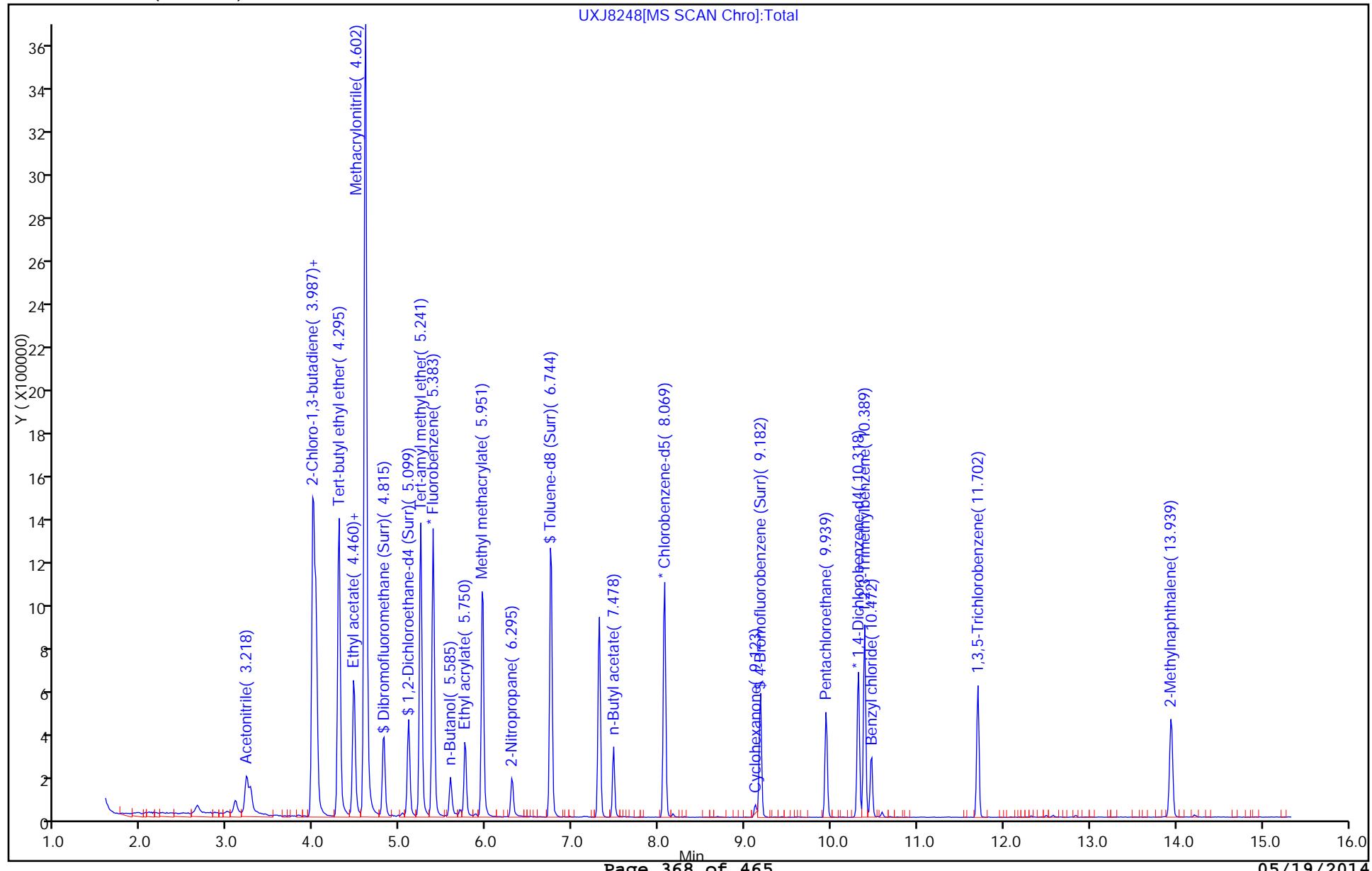
Date:

13-May-2014 07:51:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1297340	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	86	702984	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	217433	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	97	265076	8.34	7.15	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	343938	8.34	6.68	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	977563	8.34	7.07	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	233312	8.34	7.27	
27 Acetonitrile	41	3.218	3.218	0.000	97	316748	100.0	106.3	
37 Isopropyl ether	87	3.987	3.987	0.000	91	405911	10.0	10.9	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	654428	10.0	10.6	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1229997	10.0	10.5	
42 Ethyl acetate	43	4.460	4.460	0.000	99	425066	20.0	19.6	
43 Propionitrile	54	4.460	4.460	0.000	91	407244	100.0	99.2	
48 Methacrylonitrile	41	4.602	4.602	0.000	92	2149440	100.0	101.3	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1081992	10.0	10.0	
58 n-Butanol	56	5.585	5.585	0.000	88	119186	250.0	236.5	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	388347	10.0	10.4	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	584211	20.0	20.7	
68 2-Nitropropane	41	6.295	6.295	0.000	98	120314	20.0	19.2	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	232693	10.0	9.52	
92 Cyclohexanone	55	9.123	9.123	0.000	81	30238	100.0	72.0	
103 Pentachloroethane	167	9.939	9.939	0.000	0	91722	20.0	15.4	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	606346	10.0	9.68	
110 Benzyl chloride	126	10.472	10.472	0.000	0	48352	10.0	9.55	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	220186	10.0	9.52	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	359036	20.0	14.8	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8248.D
 Injection Date: 12-May-2014 23:09:30 Instrument ID: A3UX11
 Lims ID: CCV A9L4 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 33
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCV 240-130294/3 Calibration Date: 05/12/2014 23:09
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 16:42
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 18:38
Lab File ID: UXJ8248.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0230	0.0244		0.100		6.3	50.0
Isopropyl ether	Ave	0.2871	0.3129		0.0100		9.0	50.0
Chloroprene	Ave	0.4751	0.5044		0.0100		6.2	50.0
Tert-butyl ethyl ether	Ave	0.9043	0.9481		0.0100		4.8	50.0
Ethyl acetate	Ave	0.1671	0.1638		0.0200		-1.9	50.0
Propionitrile	Ave	0.0316	0.0314		0.100		-0.8	50.0
Methacrylonitrile	Ave	0.1635	0.1657		0.100		1.3	50.0
Tert-amyl methyl ether	Ave	0.8337	0.8340		0.0100		0.0	50.0
n-Butanol	Ave	0.0072	0.0068		0.250		-5.4	50.0
Ethyl acrylate	Ave	0.2879	0.2993		0.0100		4.0	50.0
Methyl methacrylate	Ave	0.2180	0.2252		0.0200		3.3	50.0
2-Nitropropane	Ave	0.0483	0.0464		0.0200		-4.1	50.0
Cyclohexanone	Qua		0.0139		0.100		-28.0	50.0
Pentachloroethane	Qua		0.0652		0.0154	0.0200	-23.0	50.0
1,2,3-Trimethylbenzene	Ave	2.881	2.789	0.00968	0.0100		-3.2	50.0
Benzyl chloride	Qua		0.2224		0.0100		-4.5	50.0
1,3,5-Trichlorobenzene	Ave	1.064	1.013		0.0100		-4.8	50.0
2-Methylnaphthalene	Ave	1.117	0.8256		0.0200		-26.1	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8248.D
 Lims ID: CCV A9L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 12-May-2014 23:09:30 ALS Bottle#: 33 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-003
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub49
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle

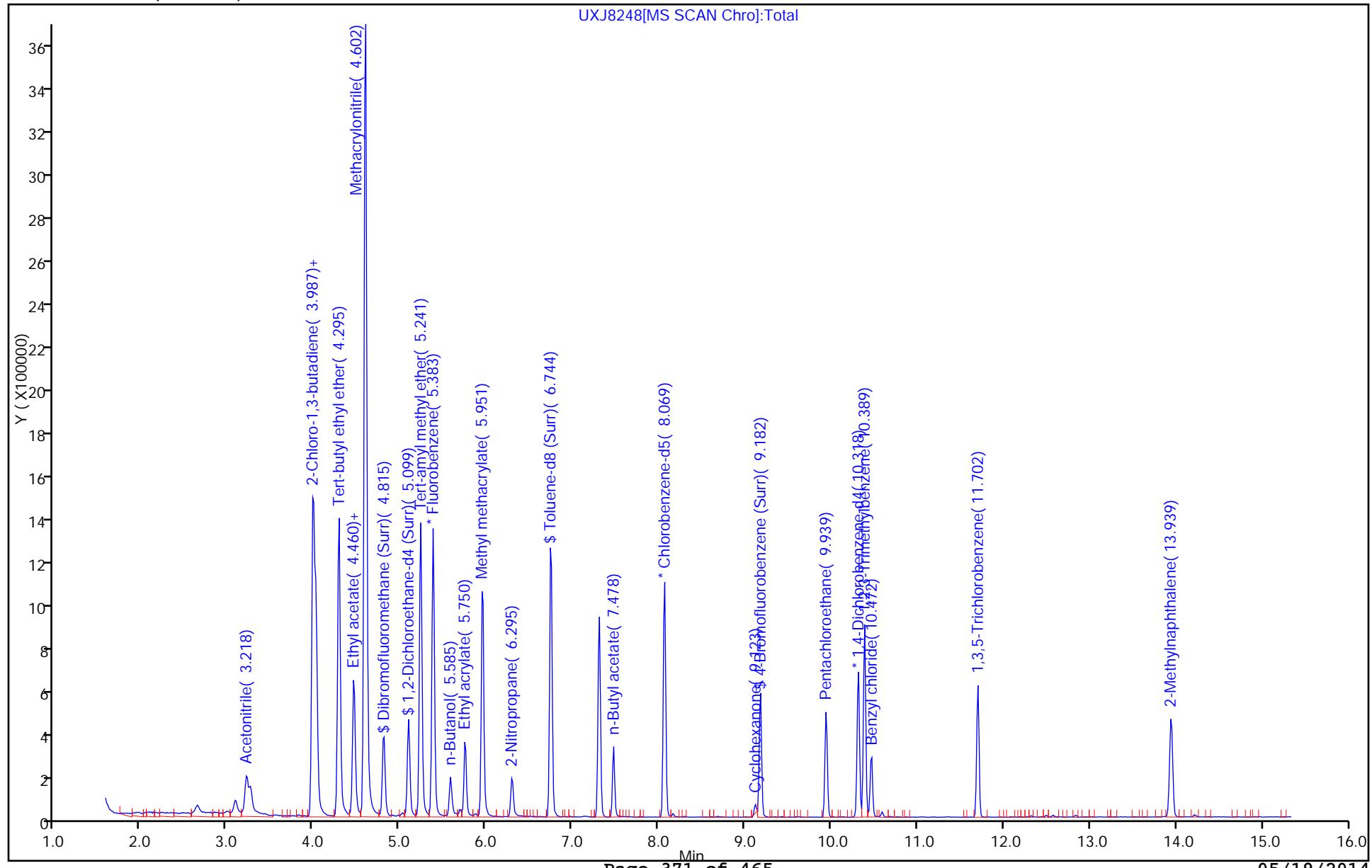
Date:

13-May-2014 07:51:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1297340	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	86	702984	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	217433	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	97	265076	8.34	7.15	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	92	343938	8.34	6.68	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	84	977563	8.34	7.07	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	85	233312	8.34	7.27	
27 Acetonitrile	41	3.218	3.218	0.000	97	316748	100.0	106.3	
37 Isopropyl ether	87	3.987	3.987	0.000	91	405911	10.0	10.9	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	654428	10.0	10.6	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1229997	10.0	10.5	
42 Ethyl acetate	43	4.460	4.460	0.000	99	425066	20.0	19.6	
43 Propionitrile	54	4.460	4.460	0.000	91	407244	100.0	99.2	
48 Methacrylonitrile	41	4.602	4.602	0.000	92	2149440	100.0	101.3	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1081992	10.0	10.0	
58 n-Butanol	56	5.585	5.585	0.000	88	119186	250.0	236.5	
60 Ethyl acrylate	55	5.750	5.750	0.000	98	388347	10.0	10.4	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	584211	20.0	20.7	
68 2-Nitropropane	41	6.295	6.295	0.000	98	120314	20.0	19.2	
79 n-Butyl acetate	43	7.478	7.478	0.000	95	232693	10.0	9.52	
92 Cyclohexanone	55	9.123	9.123	0.000	81	30238	100.0	72.0	
103 Pentachloroethane	167	9.939	9.939	0.000	0	91722	20.0	15.4	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	606346	10.0	9.68	
110 Benzyl chloride	126	10.472	10.472	0.000	0	48352	10.0	9.55	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	220186	10.0	9.52	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	89	359036	20.0	14.8	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8248.D
 Injection Date: 12-May-2014 23:09:30 Instrument ID: A3UX11
 Lims ID: CCV A9L4 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 33
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Lab Sample ID: CCVIS 240-130687/2 Calibration Date: 05/14/2014 21:51
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8335.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1985	0.1703		0.0100	-14.2	50.0	
Chloromethane	Ave	0.1970	0.2171	0.1000	0.0100	10.2	50.0	
Vinyl chloride	Ave	0.2108	0.2054		0.0100	-2.5	20.0	
Butadiene	Ave	0.1830	0.1679		0.00918	0.0100	-8.2	50.0
Bromomethane	Ave	0.0911	0.0972		0.0100	6.6	50.0	
Chloroethane	Ave	0.1136	0.1207		0.0100	6.3	50.0	
Dichlorofluoromethane	Ave	0.2275	0.2799		0.0100	23.1	50.0	
Trichlorofluoromethane	Ave	0.1958	0.2205		0.0100	12.6	50.0	
Ethyl ether	Ave	0.2509	0.2583		0.0100	2.9	50.0	
Acrolein	Ave	0.0215	0.0222		0.0500	3.0	50.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1135	0.1017		0.0100	-10.4	50.0	
1,1-Dichloroethene	Ave	0.2072	0.2124		0.0100	2.5	20.0	
Acetone	Lin1		0.0743		0.0200	-7.2	50.0	
Iodomethane	Ave	0.2505	0.2683		0.0100	7.1	50.0	
Carbon disulfide	Ave	0.4821	0.4814		0.0100	-0.1	50.0	
3-Chloro-1-propene	Ave	0.1996	0.2129		0.0100	6.7	50.0	
Methyl acetate	Ave	0.1930	0.1821		0.0500	-5.7	50.0	
Methylene Chloride	Ave	0.2532	0.2806		0.0100	10.8	50.0	
2-Methyl-2-propanol	Ave	0.0162	0.0138		0.100	-14.5	50.0	
Acrylonitrile	Ave	0.0921	0.0886		0.100	-3.8	50.0	
Methyl tert-butyl ether	Ave	0.8562	0.8527		0.0100	-0.4	50.0	
trans-1,2-Dichloroethene	Ave	0.3256	0.3325		0.0100	2.1	50.0	
Hexane	Ave	0.0680	0.0557		0.0100	-18.1	20.0	
1,1-Dichloroethane	Ave	0.5894	0.6089	0.1000	0.0100	3.3	50.0	
Vinyl acetate	Ave	0.3779	0.3123		0.00960	-17.4	50.0	
2-Butanone	Ave	0.1100	0.0978		0.0200	-11.1	50.0	
cis-1,2-Dichloroethene	Ave	0.3496	0.3505		0.0100	0.2	50.0	
2,2-Dichloropropane	Ave	0.2677	0.3043		0.0100	13.7	50.0	
Chlorobromomethane	Ave	0.1651	0.1646		0.0100	-0.3	50.0	
Chloroform	Ave	0.5712	0.5780		0.0100	1.2	20.0	
Tetrahydrofuran	Ave	0.0700	0.0596		0.0200	-14.8	50.0	
1,1,1-Trichloroethane	Ave	0.3580	0.4013		0.0100	12.1	50.0	
Cyclohexane	Ave	0.3609	0.3473		0.0100	-3.8	50.0	
1,1-Dichloropropene	Ave	0.4262	0.4004		0.0100	-6.1	50.0	
Carbon tetrachloride	Ave	0.2899	0.3251		0.0100	12.1	50.0	
Isobutanol	Lin1		0.0098		0.250	0.0	50.0	
Benzene	Ave	1.340	1.354		0.0100	1.0	50.0	
1,2-Dichloroethane	Ave	0.4746	0.4585		0.0100	-3.4	50.0	
n-Heptane	Ave	0.0635	0.0500		0.0100	-21.3	50.0	
Trichloroethene	Ave	0.3264	0.3229		0.0100	-1.1	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.:

Lab Sample ID: CCVIS 240-130687/2 Calibration Date: 05/14/2014 21:51

Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18

Lab File ID: UXJ8335.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.3696	0.3162		0.0100	-14.4	50.0	
1,2-Dichloropropane	Ave	0.3197	0.3295		0.0100	3.1	20.0	
Dibromomethane	Ave	0.1706	0.1672		0.0100	-2.0	50.0	
1,4-Dioxane	Qua		0.0013		0.200	-44.2	50.0	
Bromodichloromethane	Ave	0.3780	0.3807		0.0100	0.7	50.0	
2-Chloroethyl vinyl ether	Ave	0.1604	0.1475		0.0200	-8.0	50.0	
cis-1,3-Dichloropropene	Ave	0.4326	0.4065		0.0100	-6.0	50.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.1865	0.1705		0.0200	-8.6	50.0	
Toluene	Ave	2.289	2.426		0.0100	6.0	20.0	
trans-1,3-Dichloropropene	Ave	0.6470	0.6491		0.0100	0.3	50.0	
Ethyl methacrylate	Ave	0.5358	0.5044		0.0100	-5.9	50.0	
1,1,2-Trichloroethane	Ave	0.4427	0.4555		0.0100	2.9	50.0	
1,3-Dichloropropane	Ave	0.7710	0.8039		0.0100	4.3	50.0	
Tetrachloroethene	Ave	0.3773	0.3897		0.0100	3.3	50.0	
2-Hexanone	Ave	0.2106	0.1939		0.0200	-7.9	50.0	
Dibromochloromethane	Ave	0.3928	0.4034		0.0100	2.7	50.0	
Ethylene Dibromide	Ave	0.3886	0.3839		0.0100	-1.2	50.0	
Chlorobenzene	Ave	1.267	1.264	0.3000	0.0100	-0.3	50.0	
1,1,1,2-Tetrachloroethane	Ave	0.4035	0.4197		0.0100	4.0	50.0	
Ethylbenzene	Ave	0.6552	0.6564		0.0100	0.2	20.0	
m-Xylene & p-Xylene	Ave	0.7899	0.7640		0.0100	-3.3	50.0	
o-Xylene	Ave	0.7034	0.6960		0.0100	-1.1	50.0	
Styrene	Ave	1.201	1.181		0.0100	-1.6	50.0	
Bromoform	Ave	0.1659	0.1548	0.1000	0.0100	-6.6	50.0	
Isopropylbenzene	Ave	1.620	1.488		0.0100	-8.1	50.0	
1,1,2,2-Tetrachloroethane	Ave	0.9139	0.8242	0.3000	0.0100	-9.8	50.0	
Bromobenzene	Ave	1.066	0.9378		0.0100	-12.0	50.0	
1,2,3-Trichloropropane	Ave	0.3183	0.2792		0.0100	-12.3	50.0	
trans-1,4-Dichloro-2-butene	Ave	0.2605	0.2003		0.0100	-23.1	50.0	
N-Propylbenzene	Ave	1.039	0.8950		0.0100	-13.8	50.0	
2-Chlorotoluene	Ave	0.9005	0.7879		0.0100	-12.5	50.0	
1,3,5-Trimethylbenzene	Ave	2.930	2.575		0.0100	-12.1	50.0	
4-Chlorotoluene	Ave	0.9692	0.8821		0.0100	-9.0	50.0	
tert-Butylbenzene	Ave	2.418	1.965		0.0100	-18.8	50.0	
1,2,4-Trimethylbenzene	Ave	2.995	2.665		0.0100	-11.0	50.0	
sec-Butylbenzene	Ave	3.303	2.769		0.0100	-16.2	50.0	
1,3-Dichlorobenzene	Ave	1.744	1.655		0.0100	-5.1	50.0	
4-Isopropyltoluene	Ave	2.738	2.376		0.0100	-13.2	50.0	
1,4-Dichlorobenzene	Ave	1.844	1.733		0.0100	-6.0	50.0	
n-Butylbenzene	Ave	2.267	1.906		0.0100	-15.9	50.0	
1,2-Dichlorobenzene	Ave	1.737	1.674		0.0100	-3.7	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCVIS 240-130687/2 Calibration Date: 05/14/2014 21:51
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8335.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1379	0.1114			0.0100	-19.2	50.0
1,2,4-Trichlorobenzene	Ave	0.9562	0.7693			0.0100	-19.5	50.0
Hexachlorobutadiene	Ave	0.3972	0.3052			0.0100	-23.2	50.0
Naphthalene	Ave	2.399	1.781			0.0100	-25.8	50.0
1,2,3-Trichlorobenzene	Ave	0.8915	0.7088			0.0100	-20.5	50.0
Dibromofluoromethane (Surr)	Ave	0.2859	0.2426		0.00708	0.00834	-15.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3088		0.00649	0.00834	-22.1	50.0
Toluene-d8 (Surr)	Ave	1.968	1.789		0.00758	0.00834	-9.1	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.4313		0.00788	0.00834	-5.5	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8335.D
 Lims ID: CCVIS L4 8260
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 14-May-2014 21:51:30 ALS Bottle#: 31 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-002
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub42
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:28 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle

Date:

15-May-2014 07:58:42

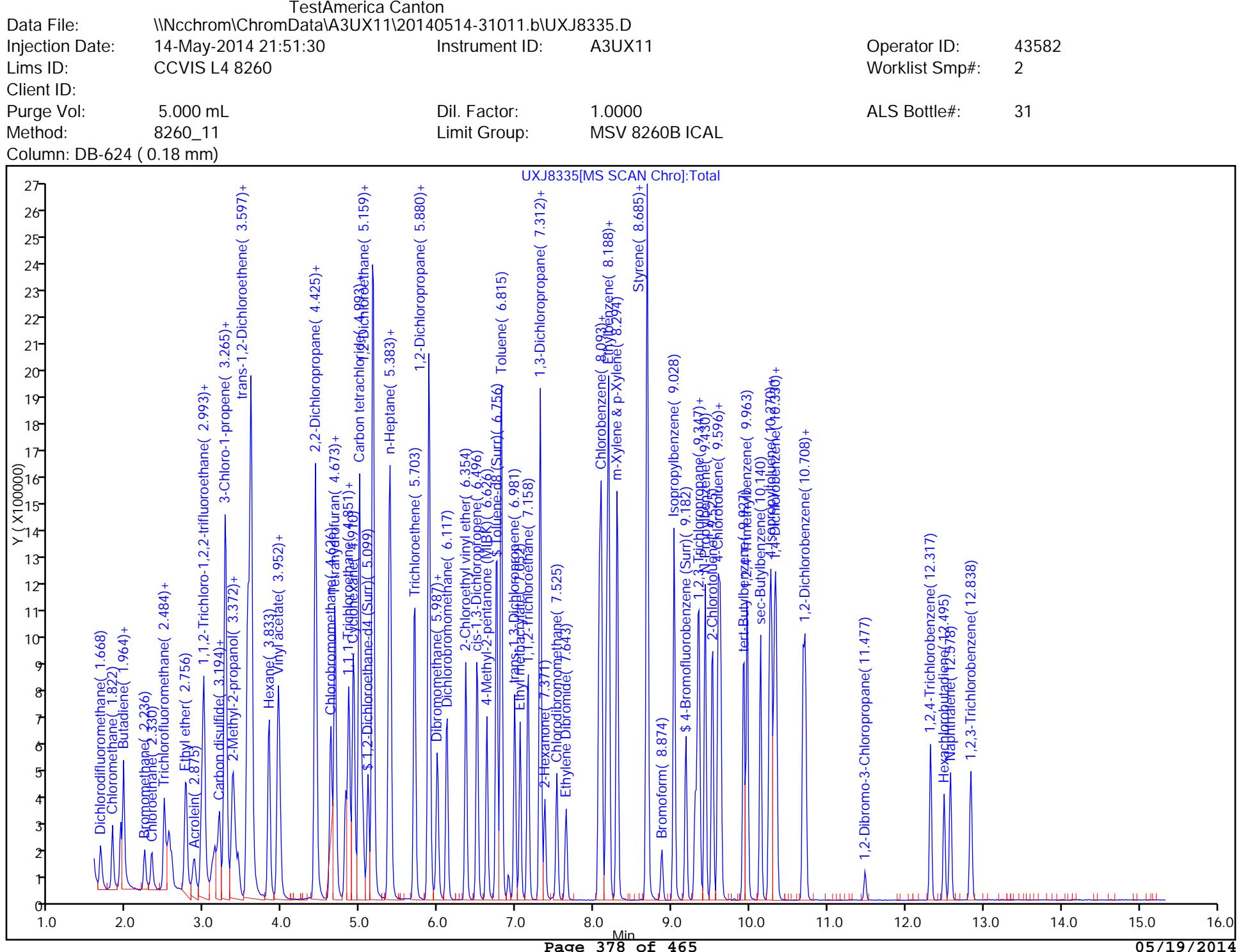
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1351742	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	85	683673	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	89	275102	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	94	273443	8.34	7.08	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	90	348145	8.34	6.49	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	1020261	8.34	7.58	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	245933	8.34	7.88	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	86	230141	10.0	8.58	
11 Chloromethane	50	1.822	1.822	0.000	100	293504	10.0	11.0	
12 Vinyl chloride	62	1.928	1.928	0.000	97	277683	10.0	9.75	
124 Butadiene	54	1.964	1.964	0.000	0	226938	10.0	9.18	
14 Bromomethane	94	2.236	2.236	0.000	88	131353	10.0	10.7	
15 Chloroethane	64	2.330	2.330	0.000	98	163153	10.0	10.6	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	98	378401	10.0	12.3	
17 Trichlorofluoromethane	101	2.543	2.543	0.000	98	298027	10.0	11.3	
18 Ethyl ether	59	2.756	2.756	0.000	89	349113	10.0	10.3	
19 Acrolein	56	2.875	2.875	0.000	93	149870	50.0	51.5	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	99	287136	10.0	10.3	
22 Acetone	43	2.993	2.993	0.000	89	200810	20.0	18.6	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	93	137459	10.0	8.96	
24 Iodomethane	142	3.135	3.135	0.000	96	362637	10.0	10.7	
25 Carbon disulfide	76	3.194	3.194	0.000	99	650786	10.0	9.99	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	84	287845	10.0	10.7	
29 Methyl acetate	43	3.265	3.265	0.000	97	1230748	50.0	47.2	
28 Methylene Chloride	84	3.372	3.372	0.000	84	379349	10.0	11.1	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	96	187081	100.0	85.5	
31 Acrylonitrile	53	3.561	3.561	0.000	98	1197787	100.0	96.2	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	87	1152640	10.0	9.96	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	94	449460	10.0	10.2	
34 Hexane	86	3.833	3.833	0.000	93	75296	10.0	8.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	3.952	3.952	0.000	97	823059	10.0	10.3	
36 Vinyl acetate	43	3.963	3.963	0.000	97	405280	9.60	7.93	
45 2-Butanone (MEK)	43	4.425	4.425	0.000	53	264448	20.0	17.8	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	473763	10.0	10.0	
41 2,2-Dichloropropane	77	4.437	4.437	0.000	84	411312	10.0	11.4	
44 Chlorobromomethane	128	4.626	4.626	0.000	94	222540	10.0	9.97	
46 Tetrahydrofuran	42	4.673	4.673	0.000	85	161249	20.0	17.0	
47 Chloroform	83	4.673	4.673	0.000	95	781239	10.0	10.1	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	542420	10.0	11.2	
50 Cyclohexane	56	4.910	4.910	0.000	88	469436	10.0	9.62	
51 1,1-Dichloropropene	75	4.993	4.993	0.000	96	541221	10.0	9.39	
52 Carbon tetrachloride	117	4.993	4.993	0.000	87	439421	10.0	11.2	
53 Isobutyl alcohol	41	5.028	5.028	0.000	70	168244	250.0	250.1	
54 Benzene	78	5.159	5.159	0.000	95	1829765	10.0	10.1	
55 1,2-Dichloroethane	62	5.170	5.170	0.000	54	619816	10.0	9.66	
57 n-Heptane	100	5.360	5.360	0.000	88	67542	10.0	7.87	
59 Trichloroethene	130	5.703	5.703	0.000	96	436446	10.0	9.89	
61 Methylcyclohexane	83	5.880	5.880	0.000	88	427441	10.0	8.56	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	93	445372	10.0	10.3	
63 Dibromomethane	93	5.987	5.987	0.000	91	226066	10.0	9.80	
64 1,4-Dioxane	88	5.999	5.999	0.000	28	33915	200.0	111.6	
66 Dichlorobromomethane	83	6.117	6.117	0.000	99	514660	10.0	10.1	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	93	398872	20.0	18.4	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	89	549444	10.0	9.40	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	96	461051	20.0	18.3	
71 Toluene	91	6.815	6.815	0.000	92	1658713	10.0	10.6	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	443791	10.0	10.0	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	344858	10.0	9.41	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	92	311436	10.0	10.3	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	549603	10.0	10.4	
75 Tetrachloroethene	164	7.312	7.312	0.000	75	266416	10.0	10.3	
77 2-Hexanone	43	7.371	7.371	0.000	98	265180	20.0	18.4	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	275812	10.0	10.3	
81 Ethylene Dibromide	107	7.643	7.643	0.000	99	262486	10.0	9.88	
82 Chlorobenzene	112	8.093	8.093	0.000	92	863893	10.0	9.97	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	89	286948	10.0	10.4	
85 Ethylbenzene	106	8.188	8.188	0.000	99	448754	10.0	10.0	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	522345	10.0	9.67	
88 o-Xylene	106	8.685	8.685	0.000	89	475819	10.0	9.89	
87 Styrene	104	8.685	8.685	0.000	89	807438	10.0	9.84	
89 Bromoform	173	8.874	8.874	0.000	96	105856	10.0	9.34	
90 Isopropylbenzene	105	9.028	9.028	0.000	96	1017316	10.0	9.19	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	87	226728	10.0	9.02	
94 Bromobenzene	156	9.336	9.336	0.000	95	257993	10.0	8.80	
95 1,2,3-Trichloropropene	110	9.347	9.347	0.000	75	76811	10.0	8.77	
97 trans-1,4-Dichloro-2-butene	53	9.359	9.359	0.000	63	55099	10.0	7.69	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	246225	10.0	8.62	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	216743	10.0	8.75	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	85	708503	10.0	8.79	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	242661	10.0	9.10	
101 tert-Butylbenzene	119	9.927	9.927	0.000	79	540440	10.0	8.12	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	96	733242	10.0	8.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	761743	10.0	8.38	
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	88	455361	10.0	9.49	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	653721	10.0	8.68	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	91	476815	10.0	9.40	
111 n-Butylbenzene	91	10.685	10.685	0.000	95	524235	10.0	8.41	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	460439	10.0	9.63	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	59	30644	10.0	8.08	
115 1,2,4-Trichlorobenzene	180	12.317	12.317	0.000	94	211635	10.0	8.05	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	94	83953	10.0	7.68	
117 Naphthalene	128	12.578	12.578	0.000	97	489926	10.0	7.42	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	95	194985	10.0	7.95	
S 130 1,2-Dichloroethene, Total	96				0		20.0	20.2	
S 131 1,3-Dichloropropene, Total	75				0		20.0	19.4	
S 132 Xylenes, Total	106				0		20.0	19.6	
S 133 Trihalomethanes, Total	1				0		40.0	39.8	

Report Date: 15-May-2014 08:55:28

Chrom Revision: 2.2 14-Apr-2014 13:40:08



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCV 240-130687/3 Calibration Date: 05/14/2014 22:15
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 14:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 16:18
Lab File ID: UXJ8336.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2859	0.2422		0.00706	0.00834	-15.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3966	0.3077		0.00647	0.00834	-22.4	50.0
Toluene-d8 (Surr)	Ave	1.968	1.710		0.00725	0.00834	-13.1	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4563	0.3518		0.00643	0.00834	-22.9	50.0

TestAmerica Canton
Target Compound Quantitation Report

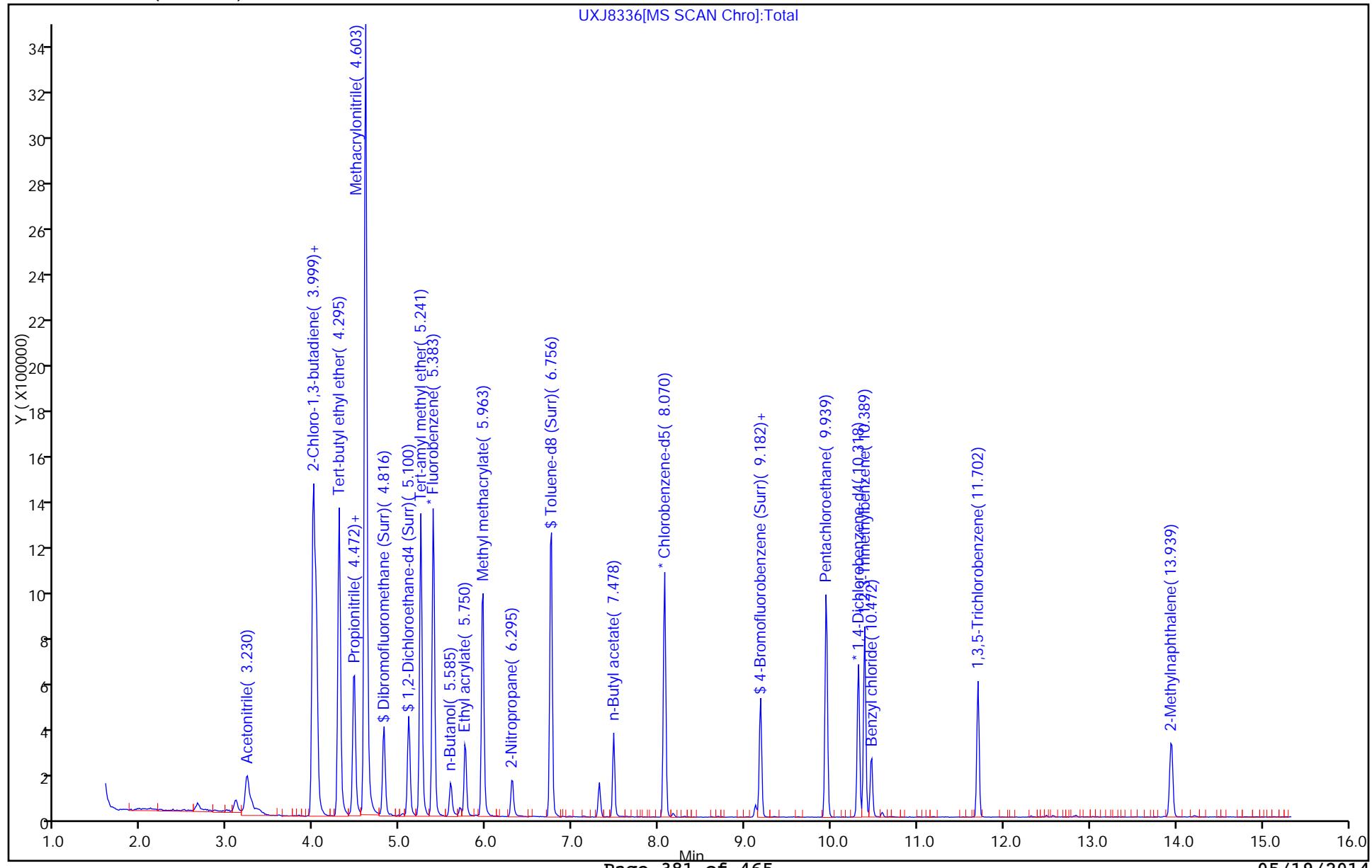
Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8336.D
 Lims ID: CCV A9L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 14-May-2014 22:15:30 ALS Bottle#: 32 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-003
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub49
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 :	DB-624 (0.18 mm)	Det: MS SCAN	
Process Host:	XAWRK014		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1372736	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	85	713049	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	226447	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.816	4.816	0.000	97	277237	8.34	7.06	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.100	0.000	92	352251	8.34	6.47	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	1017069	8.34	7.25	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	88	209229	8.34	6.43	
27 Acetonitrile	41	3.230	3.230	0.000	99	314316	100.0	99.7	
37 Isopropyl ether	87	3.999	3.999	0.000	91	391605	10.0	9.93	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	647728	10.0	9.93	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207003	10.0	9.72	
42 Ethyl acetate	43	4.461	4.461	0.000	99	499289	20.0	21.8	
43 Propionitrile	54	4.472	4.472	0.000	83	386313	100.0	88.9	
48 Methacrylonitrile	41	4.603	4.603	0.000	92	2056901	100.0	91.6	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1073321	10.0	9.38	
58 n-Butanol	56	5.585	5.585	0.000	89	104774	250.0	205.0	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	364219	10.0	9.22	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	562113	20.0	18.8	
68 2-Nitropropane	41	6.295	6.295	0.000	98	116853	20.0	17.6	
79 n-Butyl acetate	43	7.478	7.478	0.000	97	270776	10.0	10.5	
92 Cyclohexanone	55	9.123	9.123	0.000	79	26980	100.0	61.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	186594	20.0	28.3	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	584544	10.0	8.96	
110 Benzyl chloride	126	10.472	10.472	0.000	0	43034	10.0	8.30	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	220140	10.0	9.14	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	86	273121	20.0	10.8	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8336.D
 Injection Date: 14-May-2014 22:15:30 Instrument ID: A3UX11
 Lims ID: CCV A9L4 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 3
 Method: 8260_11 Dil. Factor: 1.0000
 Column: DB-624 (0.18 mm) Limit Group: MSV 8260B ICAL



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCV 240-130687/3 Calibration Date: 05/14/2014 22:15
Instrument ID: A3UX11 Calib Start Date: 05/09/2014 16:42
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 05/09/2014 18:38
Lab File ID: UXJ8336.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0230	0.0229		0.100	-0.3	50.0	
Isopropyl ether	Ave	0.2871	0.2853		0.0100	-0.7	50.0	
Chloroprene	Ave	0.4751	0.4719		0.0100	-0.7	50.0	
Tert-butyl ethyl ether	Ave	0.9043	0.8793		0.0100	-2.8	50.0	
Ethyl acetate	Ave	0.1671	0.1819		0.0200	8.9	50.0	
Propionitrile	Ave	0.0316	0.0281		0.100	-11.1	50.0	
Methacrylonitrile	Ave	0.1635	0.1498		0.100	-8.4	50.0	
Tert-amyl methyl ether	Ave	0.8337	0.7819		0.0100	-6.2	50.0	
n-Butanol	Ave	0.0072	0.0059		0.250	-18.0	50.0	
Ethyl acrylate	Ave	0.2879	0.2653		0.0100	-7.8	50.0	
Methyl methacrylate	Ave	0.2180	0.2047		0.0200	-6.1	50.0	
2-Nitropropane	Ave	0.0483	0.0426		0.0200	-12.0	50.0	
Cyclohexanone	Qua		0.0119		0.100	-38.2	50.0	
Pentachloroethane	Qua		0.1308		0.0283	0.0200	41.5	50.0
1,2,3-Trimethylbenzene	Ave	2.881	2.581		0.00896	0.0100	-10.4	50.0
Benzyl chloride	Qua		0.1900		0.0100	-17.0	50.0	
1,3,5-Trichlorobenzene	Ave	1.064	0.9722		0.0100	-8.6	50.0	
2-Methylnaphthalene	Ave	1.117	0.6031		0.0200	-46.0	50.0	

TestAmerica Canton
Target Compound Quantitation Report

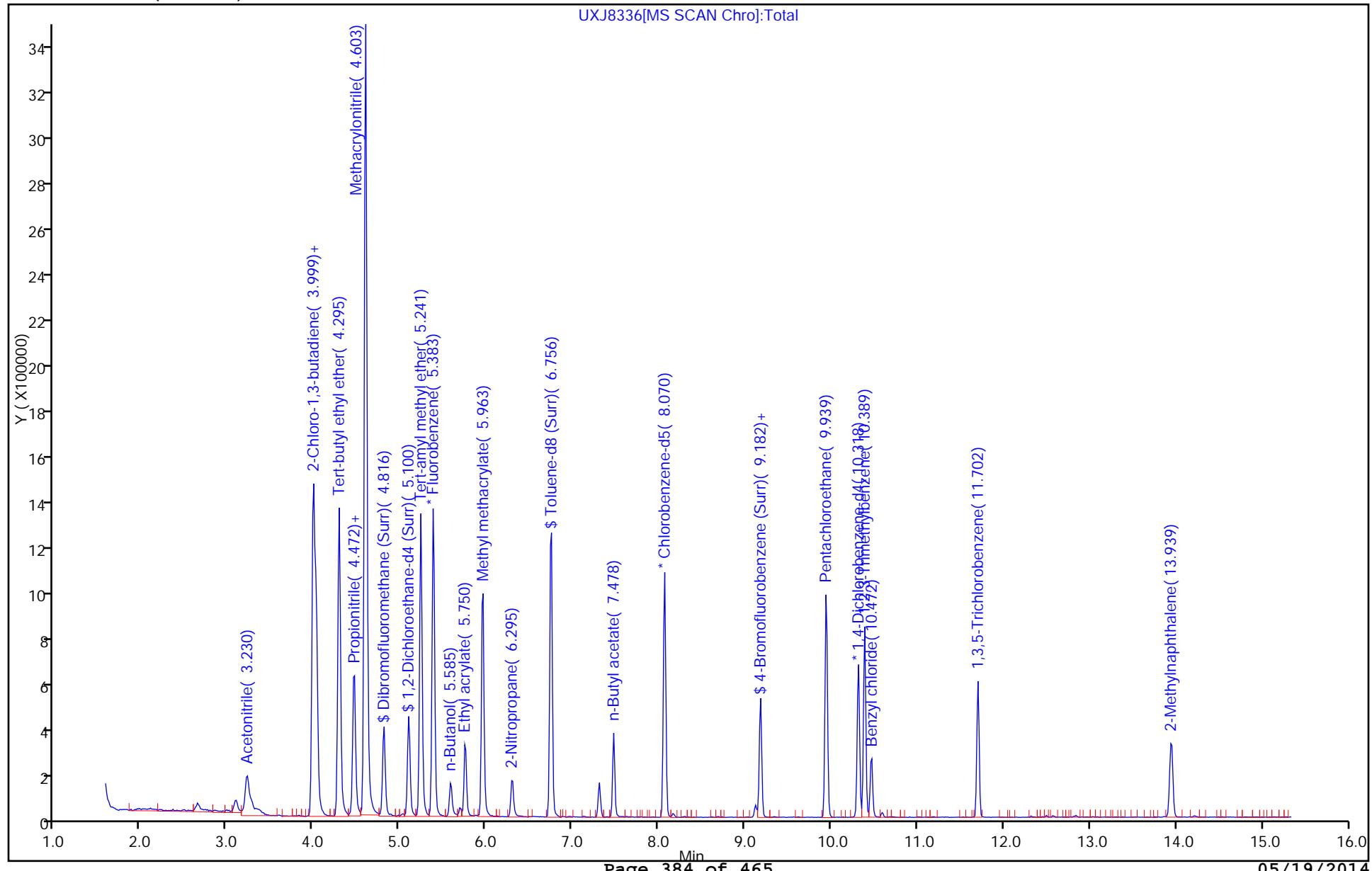
Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8336.D
 Lims ID: CCV A9L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 14-May-2014 22:15:30 ALS Bottle#: 32 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-003
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Sublist: chrom-8260_11*sub49
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1372736	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.070	0.000	85	713049	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	94	226447	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.816	4.816	0.000	97	277237	8.34	7.06	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.100	0.000	92	352251	8.34	6.47	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	1017069	8.34	7.25	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	88	209229	8.34	6.43	
27 Acetonitrile	41	3.230	3.230	0.000	99	314316	100.0	99.7	
37 Isopropyl ether	87	3.999	3.999	0.000	91	391605	10.0	9.93	
38 2-Chloro-1,3-butadiene	53	4.023	4.023	0.000	93	647728	10.0	9.93	
39 Tert-butyl ethyl ether	59	4.295	4.295	0.000	96	1207003	10.0	9.72	
42 Ethyl acetate	43	4.461	4.461	0.000	99	499289	20.0	21.8	
43 Propionitrile	54	4.472	4.472	0.000	83	386313	100.0	88.9	
48 Methacrylonitrile	41	4.603	4.603	0.000	92	2056901	100.0	91.6	
56 Tert-amyl methyl ether	73	5.241	5.241	0.000	97	1073321	10.0	9.38	
58 n-Butanol	56	5.585	5.585	0.000	89	104774	250.0	205.0	
60 Ethyl acrylate	55	5.750	5.750	0.000	99	364219	10.0	9.22	
65 Methyl methacrylate	41	5.951	5.951	0.000	90	562113	20.0	18.8	
68 2-Nitropropane	41	6.295	6.295	0.000	98	116853	20.0	17.6	
79 n-Butyl acetate	43	7.478	7.478	0.000	97	270776	10.0	10.5	
92 Cyclohexanone	55	9.123	9.123	0.000	79	26980	100.0	61.8	
103 Pentachloroethane	167	9.939	9.939	0.000	0	186594	20.0	28.3	
108 1,2,3-Trimethylbenzene	105	10.389	10.389	0.000	98	584544	10.0	8.96	
110 Benzyl chloride	126	10.472	10.472	0.000	0	43034	10.0	8.30	
114 1,3,5-Trichlorobenzene	180	11.702	11.702	0.000	96	220140	10.0	9.14	
119 2-Methylnaphthalene	142	13.939	13.939	0.000	86	273121	20.0	10.8	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8336.D
 Injection Date: 14-May-2014 22:15:30 Instrument ID: A3UX11
 Lims ID: CCV A9L4 Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 3
 Method: 8260_11 Dil. Factor: 1.0000
 Column: DB-624 (0.18 mm) Limit Group: MSV 8260B ICAL



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15
Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3384	0.2698		0.0100	-20.3	50.0	
Chloromethane	Ave	0.4004	0.3809	0.1000	0.0100	-4.9	50.0	
Vinyl chloride	Ave	0.3805	0.3506		0.0100	-7.9	20.0	
Butadiene	Ave	0.3615	0.3135		0.00867	0.0100	-13.3	50.0
Bromomethane	Ave	0.1460	0.1420		0.0100	-2.7	50.0	
Chloroethane	Ave	0.1807	0.1708		0.0100	-5.5	50.0	
Dichlorofluoromethane	Ave	0.3922	0.3824		0.0100	-2.5	50.0	
Trichlorofluoromethane	Ave	0.3458	0.3092		0.0100	-10.6	50.0	
Ethyl ether	Ave	0.2390	0.2451		0.0100	2.5	50.0	
Acrolein	Ave	0.0340	0.0322		0.0500	-5.3	50.0	
1,1-Dichloroethene	Ave	0.2460	0.2496		0.0100	1.5	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1992	0.1962		0.0100	-1.5	50.0	
Acetone	Lin1		0.0723		0.0200	9.0	50.0	
Iodomethane	Ave	0.3802	0.4050		0.0100	6.5	50.0	
Carbon disulfide	Ave	0.7115	0.7588		0.0100	6.7	50.0	
3-Chloro-1-propene	Ave	0.1443	0.1416		0.0100	-1.9	50.0	
Methyl acetate	Ave	0.1753	0.1723		0.0500	-1.7	50.0	
Methylene Chloride	Ave	0.3115	0.3125		0.0100	0.3	50.0	
2-Methyl-2-propanol	Ave	0.0149	0.0131		0.100	-12.1	50.0	
Acrylonitrile	Ave	0.0930	0.0968		0.100	4.0	50.0	
Methyl tert-butyl ether	Ave	0.6503	0.6576		0.0100	1.1	50.0	
trans-1,2-Dichloroethene	Ave	0.2865	0.2999		0.0100	4.7	50.0	
Hexane	Ave	0.0716	0.0723		0.0100	1.0	20.0	
1,1-Dichloroethane	Ave	0.5011	0.5176	0.1000	0.0100	3.3	50.0	
Vinyl acetate	Lin1		0.3272		0.00800	18.8	50.0	
2,2-Dichloropropane	Ave	0.2556	0.2445		0.0100	-4.4	50.0	
2-Butanone	Ave	0.0979	0.0980		0.0200	0.1	50.0	
cis-1,2-Dichloroethene	Ave	0.3100	0.3132		0.0100	1.0	50.0	
Chlorobromomethane	Ave	0.1374	0.1379		0.0100	0.4	50.0	
Tetrahydrofuran	Ave	0.0615	0.0646		0.0200	5.1	50.0	
Chloroform	Ave	0.4577	0.4715		0.0100	3.0	20.0	
1,1,1-Trichloroethane	Ave	0.3324	0.3462		0.0100	4.2	50.0	
Cyclohexane	Ave	0.5040	0.5079		0.0100	0.8	50.0	
1,1-Dichloropropene	Ave	0.3660	0.4081		0.0100	11.5	50.0	
Carbon tetrachloride	Ave	0.2838	0.2990		0.0100	5.3	50.0	
Isobutanol	Ave	0.0084	0.0079		0.250	-6.3	50.0	
Benzene	Ave	1.246	1.265		0.0100	1.5	50.0	
1,2-Dichloroethane	Ave	0.3457	0.3516		0.0100	1.7	50.0	
n-Heptane	Ave	0.0671	0.0656		0.0100	-2.3	50.0	
Trichloroethene	Ave	0.2941	0.2986		0.0100	1.5	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15
Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4653	0.4589		0.0100	-1.4	50.0	
1,2-Dichloropropane	Ave	0.2864	0.2907		0.0100	1.5	20.0	
1,4-Dioxane	Ave	0.0024	0.0023		0.200	-6.1	50.0	
Dibromomethane	Ave	0.1442	0.1469		0.0100	1.9	50.0	
Bromodichloromethane	Ave	0.2988	0.3043		0.0100	1.9	50.0	
2-Chloroethyl vinyl ether	Ave	0.1436	0.1465		0.0120	2.0	50.0	
cis-1,3-Dichloropropene	Ave	0.3516	0.3720		0.0100	5.8	50.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.1886	0.1971		0.0200	4.5	50.0	
Toluene	Ave	1.653	1.703		0.0100	3.0	20.0	
trans-1,3-Dichloropropene	Lin1		0.4017		0.0100	2.0	50.0	
Ethyl methacrylate	Lin1		0.3875		0.0100	-4.3	50.0	
1,1,2-Trichloroethane	Ave	0.3017	0.3020		0.0100	0.1	50.0	
Tetrachloroethylene	Ave	0.3106	0.3143		0.0100	1.2	50.0	
1,3-Dichloropropane	Ave	0.5587	0.5718		0.0100	2.3	50.0	
2-Hexanone	Ave	0.1665	0.1746		0.0200	4.9	50.0	
Dibromochloromethane	Ave	0.2511	0.2654		0.0100	5.7	50.0	
Ethylene Dibromide	Ave	0.2706	0.2774		0.0100	2.5	50.0	
Chlorobenzene	Ave	1.049	1.064	0.3000	0.0100	1.5	50.0	
1,1,1,2-Tetrachloroethane	Ave	0.2989	0.3124		0.0100	4.5	50.0	
Ethylbenzene	Ave	0.5594	0.5724		0.0100	2.3	20.0	
m-Xylene & p-Xylene	Ave	0.6865	0.7128		0.0100	3.8	50.0	
o-Xylene	Ave	0.6582	0.6920		0.0100	5.1	50.0	
Styrene	Ave	1.089	1.138		0.0100	4.5	50.0	
Bromoform	Ave	0.1406	0.1476	0.1000	0.0100	4.9	50.0	
Isopropylbenzene	Ave	1.692	1.776		0.0100	5.0	50.0	
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6449	0.3000	0.0100	-0.2	50.0	
Bromobenzene	Ave	0.7591	0.7526		0.0100	-0.8	50.0	
1,2,3-Trichloropropane	Ave	0.2009	0.2016		0.0100	0.4	50.0	
trans-1,4-Dichloro-2-butene	Lin1		0.1584		0.0100	1.2	50.0	
N-Propylbenzene	Ave	0.8150	0.8379		0.0100	2.8	50.0	
2-Chlorotoluene	Ave	0.7022	0.7077		0.0100	0.8	50.0	
1,3,5-Trimethylbenzene	Ave	2.417	2.528		0.0100	4.6	50.0	
4-Chlorotoluene	Ave	0.7494	0.7500		0.0100	0.0	50.0	
tert-Butylbenzene	Ave	2.123	2.179		0.0100	2.6	50.0	
1,2,4-Trimethylbenzene	Ave	2.538	2.606		0.0100	2.7	50.0	
sec-Butylbenzene	Ave	2.968	3.018		0.0100	1.7	50.0	
1,3-Dichlorobenzene	Ave	1.518	1.483		0.0100	-2.3	50.0	
4-Isopropyltoluene	Ave	2.512	2.563		0.0100	2.0	50.0	
1,4-Dichlorobenzene	Ave	1.557	1.504		0.0100	-3.4	50.0	
n-Butylbenzene	Ave	2.166	2.143		0.0100	-1.1	50.0	
1,2-Dichlorobenzene	Ave	1.448	1.422		0.0100	-1.8	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: ICV 240-121946/14 Calibration Date: 03/10/2014 21:58
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15
Lab File ID: UXR1551.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0916		0.0100	-3.2	50.0	
1,2,4-Trichlorobenzene	Ave	0.9162	0.8521		0.0100	-7.0	50.0	
Hexachlorobutadiene	Ave	0.4080	0.3095		0.0100	-24.1	50.0	
Naphthalene	Ave	1.861	1.830		0.0100	-1.7	50.0	
1,2,3-Trichlorobenzene	Ave	0.8779	0.7830		0.0100	-10.8	50.0	
Dibromofluoromethane (Surr)	Ave	0.2271	0.2152		0.00844	0.00891	-5.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2882	0.2613		0.00808	0.00891	-9.3	50.0
Toluene-d8 (Surr)	Ave	1.370	1.327		0.00863	0.00891	-3.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4914	0.5044		0.00915	0.00891	2.7	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1551.D
 Lims ID: ICV Lab Sample ID: ICV 240-121947/14-A
 Client ID:
 Sample Type: ICV
 Inject. Date: 10-Mar-2014 21:58:30 ALS Bottle#: 14 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-014
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist:
 Method: \NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:36 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

First Level Reviewer: quayler Date: 11-Mar-2014 13:08:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.0	98	1224766	10.0	
* 2 Chlorobenzene-d5	117	8.467	8.467	0.0	85	925325	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.0	76	546318	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.182	5.182	0.0	58	234907	8.44	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.479	5.479	0.0	0	285301	8.08	
\$ 6 Toluene-d8 (Surr)	98	7.139	7.139	0.0	89	1094239	8.63	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.0	88	416071	9.15	
9 Dichlorodifluoromethane	85	1.660	1.660	0.0	86	330436	7.97	
10 Chloromethane	50	1.826	1.826	0.0	88	466515	9.51	
11 Vinyl chloride	62	1.945	1.957	-0.012	82	429417	9.21	
119 Butadiene	54	1.992	1.992	0.0	0	383985	8.67	
12 Bromomethane	94	2.312	2.313	-0.001	89	173956	9.73	
13 Chloroethane	64	2.419	2.419	0.0	99	209241	9.45	
14 Dichlorofluoromethane	67	2.621	2.633	-0.012	82	468358	9.75	
15 Trichlorofluoromethane	101	2.668	2.668	0.0	86	378665	8.94	
16 Ethyl ether	59	2.953	2.953	0.0	89	300154	10.3	
18 Acrolein	56	3.083	3.095	-0.012	91	197138	47.3	
19 1,1-Dichloroethene	96	3.178	3.178	0.0	90	305714	10.1	
20 1,1,2-Trichloro-1,2,2-trifluoro	151	3.190	3.190	0.0	83	240283	9.85	
21 Acetone	43	3.237	3.238	-0.001	95	177126	21.8	
22 Iodomethane	142	3.332	3.332	0.0	96	496018	10.7	
23 Carbon disulfide	76	3.391	3.392	-0.001	99	929403	10.7	
25 3-Chloro-1-propene	76	3.522	3.522	0.0	88	173385	9.81	
26 Methyl acetate	43	3.534	3.546	-0.012	97	1054881	49.1	
27 Methylene Chloride	84	3.641	3.641	0.0	87	382756	10.0	
28 2-Methyl-2-propanol	59	3.735	3.736	-0.001	91	160468	87.9	
29 Acrylonitrile	53	3.866	3.878	-0.012	99	1184954	104.0	
30 Methyl tert-butyl ether	73	3.878	3.878	0.0	89	805348	10.1	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.0	97	367341	10.5	
32 Hexane	86	4.115	4.115	0.0	90	88564	10.1	
33 1,1-Dichloroethane	63	4.269	4.269	0.0	85	633942	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
34 Vinyl acetate	43	4.305	4.305	0.0	97	320547	9.50	
38 2,2-Dichloropropane	77	4.779	4.779	0.0	58	299417	9.56	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.0	69	383634	10.1	
40 2-Butanone (MEK)	43	4.779	4.779	0.0	94	239978	20.0	
44 Chlorobromomethane	128	4.992	4.993	-0.001	94	168853	10.0	
45 Tetrahydrofuran	42	5.028	5.028	0.0	84	158158	21.0	
46 Chloroform	83	5.040	5.052	-0.012	79	577475	10.3	
47 1,1,1-Trichloroethane	97	5.206	5.206	0.0	90	424011	10.4	
48 Cyclohexane	56	5.253	5.253	0.0	88	622005	10.1	
50 Carbon tetrachloride	117	5.348	5.348	0.0	59	366138	10.5	
49 1,1-Dichloropropene	75	5.348	5.348	0.0	96	499768	11.1	
51 Isobutyl alcohol	41	5.419	5.420	-0.001	93	182279	234.3	
52 Benzene	78	5.526	5.538	-0.012	94	1548930	10.2	
53 1,2-Dichloroethane	62	5.550	5.550	0.0	89	430634	10.2	
55 n-Heptane	100	5.728	5.728	0.0	88	80301	9.77	
57 Trichloroethene	130	6.083	6.084	-0.001	93	365722	10.2	
59 Methylcyclohexane	83	6.238	6.238	0.0	89	562036	9.86	
60 1,2-Dichloropropane	63	6.285	6.285	0.0	95	356089	10.2	
63 1,4-Dioxane	88	6.392	6.392	0.0	39	55486	187.9	
62 Dibromomethane	93	6.392	6.392	0.0	88	179898	10.2	
64 Dichlorobromomethane	83	6.510	6.510	0.0	94	372698	10.2	
66 2-Chloroethyl vinyl ether	63	6.759	6.760	-0.001	90	215365	12.2	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.0	92	455552	10.6	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.0	95	482888	20.9	
69 Toluene	91	7.198	7.210	-0.012	98	1575460	10.3	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.0	87	371744	10.2	
71 Ethyl methacrylate	69	7.447	7.447	0.0	86	358565	9.57	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.0	86	279480	10.0	
73 Tetrachloroethene	164	7.696	7.696	0.0	92	290785	10.1	
75 1,3-Dichloropropane	76	7.720	7.720	0.0	89	529107	10.2	
76 2-Hexanone	43	7.779	7.779	0.0	94	323157	21.0	
78 Chlorodibromomethane	129	7.933	7.934	-0.001	88	245601	10.6	
79 Ethylene Dibromide	107	8.052	8.052	0.0	97	256711	10.3	
81 Chlorobenzene	112	8.503	8.503	-0.001	95	984773	10.1	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.0	85	289098	10.5	
83 Ethylbenzene	106	8.586	8.586	0.0	98	529689	10.2	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.0	100	659563	10.4	
85 o-Xylene	106	9.072	9.072	0.0	95	640339	10.5	
86 Styrene	104	9.084	9.084	0.0	93	1052907	10.4	
87 Bromoform	173	9.285	9.285	0.0	97	136529	10.5	
89 Isopropylbenzene	105	9.427	9.428	-0.001	95	1643263	10.5	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.0	82	352324	9.98	
92 Bromobenzene	156	9.748	9.748	0.0	85	411176	9.92	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.772	-0.001	52	86533	10.1	
94 1,2,3-Trichloropropene	110	9.771	9.772	-0.001	68	110156	10.0	
95 N-Propylbenzene	120	9.819	9.819	0.0	97	457761	10.3	
96 2-Chlorotoluene	126	9.926	9.926	0.0	96	386646	10.1	
97 1,3,5-Trimethylbenzene	105	9.985	9.985	0.0	74	1381056	10.5	
98 4-Chlorotoluene	126	10.020	10.021	-0.001	98	409744	10.0	
99 tert-Butylbenzene	119	10.317	10.317	0.0	89	1190166	10.3	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.0	71	1423613	10.3	
102 sec-Butylbenzene	105	10.530	10.531	0.0	92	1649039	10.2	

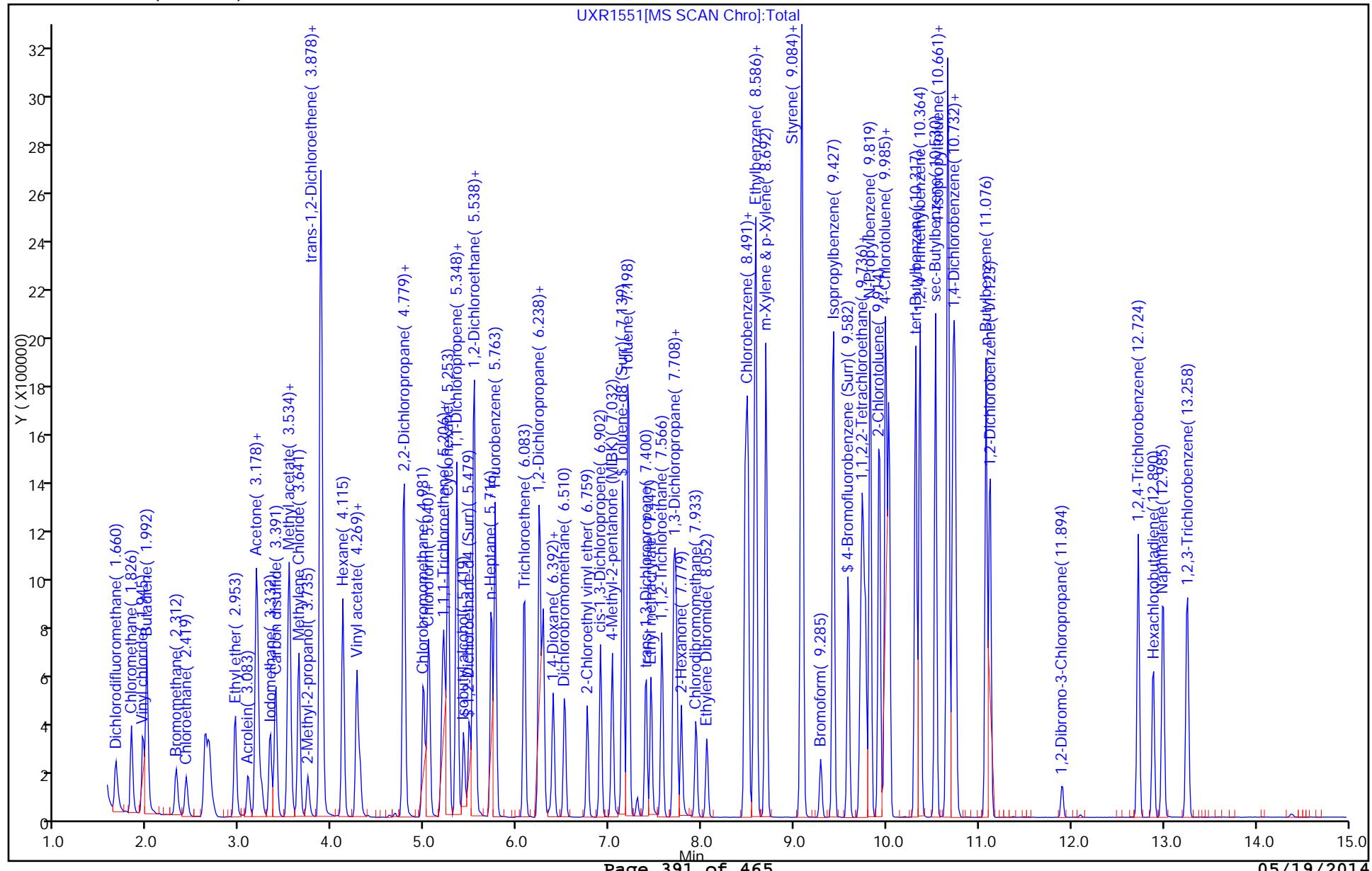
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
103 1,3-Dichlorobenzene	146	10.661	10.661	0.0	98	810174	9.77	
104 4-Isopropyltoluene	119	10.673	10.673	0.0	95	1400085	10.2	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.0	94	821718	9.66	
108 n-Butylbenzene	91	11.076	11.076	0.0	96	1170489	9.89	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.0	98	776868	9.82	
111 1,2-Dibromo-3-Chloropropane	157	11.906	11.906	0.0	76	50051	9.68	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.0	93	465493	9.30	
114 Hexachlorobutadiene	225	12.890	12.890	0.0	90	169089	7.59	
115 Naphthalene	128	12.997	12.985	0.012	100	999978	9.83	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.0	99	427743	8.92	
S 130 Xylenes, Total	106				0		20.9	
S 131 Trihalomethanes, Total	1				0		41.5	

Report Date: 11-Mar-2014 13:09:38

Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1551.D
 Injection Date: 10-Mar-2014 21:58:30 Instrument ID: A3UX17 Operator ID: 1644
 Lims ID: ICV Lab Sample ID: ICV 240-121947/14-A Worklist Smp#: 14
 Client ID:
 Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.:
Lab Sample ID: CCVIS 240-130826/2 Calibration Date: 05/15/2014 11:29
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15
Lab File ID: UXR3386.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3384	0.3499		0.0100	3.4	50.0	
Chloromethane	Ave	0.4004	0.3444	0.1000	0.0100	-14.0	50.0	
Vinyl chloride	Ave	0.3805	0.3540		0.0100	-7.0	20.0	
Butadiene	Ave	0.3615	0.3328		0.00921	0.0100	-7.9	50.0
Bromomethane	Ave	0.1460	0.0795		0.0100	-45.5	50.0	
Chloroethane	Ave	0.1807	0.0614		0.0100	-66.0*	50.0	
Dichlorofluoromethane	Ave	0.3922	0.2654		0.0100	-32.3	50.0	
Trichlorofluoromethane	Ave	0.3458	0.2615		0.0100	-24.4	50.0	
Ethyl ether	Ave	0.2390	0.2340		0.0100	-2.1	50.0	
Acrolein	Ave	0.0340	0.0229		0.0500	-32.6	50.0	
1,1-Dichloroethene	Ave	0.2460	0.2409		0.0100	-2.1	20.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1992	0.1922		0.0100	-3.5	50.0	
Acetone	Lin1		0.0751		0.0200	13.4	50.0	
Iodomethane	Ave	0.3802	0.3340		0.0100	-12.2	50.0	
Carbon disulfide	Ave	0.7115	0.6970		0.0100	-2.0	50.0	
3-Chloro-1-propene	Ave	0.1443	0.1406		0.0100	-2.6	50.0	
Methyl acetate	Ave	0.1753	0.1880		0.0500	7.2	50.0	
Methylene Chloride	Ave	0.3115	0.2943		0.0100	-5.5	50.0	
2-Methyl-2-propanol	Ave	0.0149	0.0143		0.100	-3.9	50.0	
Acrylonitrile	Ave	0.0930	0.0967		0.100	3.9	50.0	
Methyl tert-butyl ether	Ave	0.6503	0.6384		0.0100	-1.8	50.0	
trans-1,2-Dichloroethene	Ave	0.2865	0.2661		0.0100	-7.1	50.0	
Hexane	Ave	0.0716	0.0695		0.0100	-3.0	20.0	
1,1-Dichloroethane	Ave	0.5011	0.4745	0.1000	0.0100	-5.3	50.0	
Vinyl acetate	Lin1		0.2772		0.00960	0.6	50.0	
2,2-Dichloropropane	Ave	0.2556	0.2129		0.0100	-16.7	50.0	
cis-1,2-Dichloroethene	Ave	0.3100	0.2858		0.0100	-7.8	50.0	
2-Butanone	Ave	0.0979	0.1022		0.0200	4.5	50.0	
Chlorobromomethane	Ave	0.1374	0.1306		0.0100	-5.0	50.0	
Tetrahydrofuran	Ave	0.0615	0.0647		0.0200	5.3	50.0	
Chloroform	Ave	0.4577	0.4327		0.0100	-5.5	20.0	
1,1,1-Trichloroethane	Ave	0.3324	0.3098		0.0100	-6.8	50.0	
Cyclohexane	Ave	0.5040	0.4848		0.0100	-3.8	50.0	
1,1-Dichloropropene	Ave	0.3660	0.3468		0.0100	-5.3	50.0	
Carbon tetrachloride	Ave	0.2838	0.2756		0.0100	-2.9	50.0	
Isobutanol	Ave	0.0084	0.0084		0.250	0.3	50.0	
Benzene	Ave	1.246	1.156		0.0100	-7.2	50.0	
1,2-Dichloroethane	Ave	0.3457	0.3217		0.0100	-6.9	50.0	
n-Heptane	Ave	0.0671	0.0638		0.0100	-5.0	50.0	
Trichloroethene	Ave	0.2941	0.2762		0.0100	-6.1	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.:

Lab Sample ID: CCVIS 240-130826/2 Calibration Date: 05/15/2014 11:29

Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15

Lab File ID: UXR3386.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4653	0.4470		0.0100	-3.9	50.0	
1,2-Dichloropropane	Ave	0.2864	0.2782		0.0100	-2.9	20.0	
1,4-Dioxane	Ave	0.0024	0.0025		0.200	2.0	50.0	
Dibromomethane	Ave	0.1442	0.1397		0.0100	-3.1	50.0	
Bromodichloromethane	Ave	0.2988	0.2934		0.0100	-1.8	50.0	
2-Chloroethyl vinyl ether	Ave	0.1436	0.1497		0.0200	4.2	50.0	
cis-1,3-Dichloropropene	Ave	0.3516	0.3584		0.0100	1.9	50.0	
4-Methyl-2-pentanone (MIBK)	Ave	0.1886	0.2046		0.0200	8.5	50.0	
Toluene	Ave	1.653	1.582		0.0100	-4.3	20.0	
trans-1,3-Dichloropropene	Lin1		0.3680		0.0100	-6.4	50.0	
Ethyl methacrylate	Lin1		0.3954		0.0100	-2.4	50.0	
1,1,2-Trichloroethane	Ave	0.3017	0.2947		0.0100	-2.3	50.0	
Tetrachloroethylene	Ave	0.3106	0.2937		0.0100	-5.4	50.0	
1,3-Dichloropropane	Ave	0.5587	0.5489		0.0100	-1.8	50.0	
2-Hexanone	Ave	0.1665	0.1746		0.0200	4.9	50.0	
Dibromochloromethane	Ave	0.2511	0.2623		0.0100	4.4	50.0	
Ethylene Dibromide	Ave	0.2706	0.2716		0.0100	0.3	50.0	
Chlorobenzene	Ave	1.049	0.9855	0.3000	0.0100	-6.0	50.0	
1,1,1,2-Tetrachloroethane	Ave	0.2989	0.2901		0.0100	-3.0	50.0	
Ethylbenzene	Ave	0.5594	0.5358		0.0100	-4.2	20.0	
m-Xylene & p-Xylene	Ave	0.6865	0.6652		0.0100	-3.1	50.0	
o-Xylene	Ave	0.6582	0.6372		0.0100	-3.2	50.0	
Styrene	Ave	1.089	1.090		0.0100	0.0	50.0	
Bromoform	Ave	0.1406	0.1457	0.1000	0.0100	3.6	50.0	
Isopropylbenzene	Ave	1.692	1.627		0.0100	-3.8	50.0	
1,1,2,2-Tetrachloroethane	Ave	0.6462	0.6231	0.3000	0.0100	-3.6	50.0	
Bromobenzene	Ave	0.7591	0.6876		0.0100	-9.4	50.0	
1,2,3-Trichloropropane	Ave	0.2009	0.1950		0.0100	-2.9	50.0	
trans-1,4-Dichloro-2-butene	Lin1		0.1343		0.0100	-13.7	50.0	
N-Propylbenzene	Ave	0.8150	0.7964		0.0100	-2.3	50.0	
2-Chlorotoluene	Ave	0.7022	0.6501		0.0100	-7.4	50.0	
1,3,5-Trimethylbenzene	Ave	2.417	2.296		0.0100	-5.0	50.0	
4-Chlorotoluene	Ave	0.7494	0.6961		0.0100	-7.1	50.0	
tert-Butylbenzene	Ave	2.123	1.972		0.0100	-7.1	50.0	
1,2,4-Trimethylbenzene	Ave	2.538	2.435		0.0100	-4.0	50.0	
sec-Butylbenzene	Ave	2.968	2.771		0.0100	-6.7	50.0	
1,3-Dichlorobenzene	Ave	1.518	1.401		0.0100	-7.7	50.0	
4-Isopropyltoluene	Ave	2.512	2.422		0.0100	-3.6	50.0	
1,4-Dichlorobenzene	Ave	1.557	1.423		0.0100	-8.6	50.0	
n-Butylbenzene	Ave	2.166	2.003		0.0100	-7.5	50.0	
1,2-Dichlorobenzene	Ave	1.448	1.327		0.0100	-8.3	50.0	

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCVIS 240-130826/2 Calibration Date: 05/15/2014 11:29
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 13:22
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 15:15
Lab File ID: UXR3386.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Lin1		0.0872		0.0100	-7.8	50.0	
1,2,4-Trichlorobenzene	Ave	0.9162	0.7781		0.0100	-15.1	50.0	
Hexachlorobutadiene	Ave	0.4080	0.3284		0.0100	-19.5	50.0	
Naphthalene	Ave	1.861	1.602		0.0100	-13.9	50.0	
1,2,3-Trichlorobenzene	Ave	0.8779	0.7330		0.0100	-16.5	50.0	
Dibromofluoromethane (Surr)	Ave	0.2271	0.1996		0.00783	0.00891	-12.1	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2882	0.2419		0.00748	0.00891	-16.1	50.0
Toluene-d8 (Surr)	Ave	1.370	1.218		0.00792	0.00891	-11.1	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4914	0.4448		0.00806	0.00891	-9.5	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3386.D
 Lims ID: CCVIS L4 8260
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 15-May-2014 11:29:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031043-002
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub12
 Method: \NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 15:09:45 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	98	1052223	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	82	809809	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	68	478589	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	59	187163	8.91	7.83	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.491	5.491	0.000	0	226756	8.91	7.48	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	878757	8.91	7.92	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	92	320916	8.91	8.06	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	87	368207	10.0	10.3	
10 Chloromethane	50	1.838	1.838	0.000	88	362355	10.0	8.60	
11 Vinyl chloride	62	1.957	1.957	0.000	98	372527	10.0	9.30	
119 Butadiene	54	2.004	2.004	0.000	0	350176	10.0	9.21	
12 Bromomethane	94	2.324	2.324	0.000	88	83661	10.0	5.45	
13 Chloroethane	64	2.431	2.431	0.000	91	64623	10.0	3.40	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	81	279214	10.0	6.77	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	86	275145	10.0	7.56	
16 Ethyl ether	59	2.953	2.953	0.000	92	246242	10.0	9.79	
18 Acrolein	56	3.095	3.095	0.000	93	120544	50.0	33.7	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	89	253465	10.0	9.79	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	84	202206	10.0	9.65	
21 Acetone	43	3.237	3.237	0.000	97	158081	20.0	22.7	
22 Iodomethane	142	3.332	3.332	0.000	97	351398	10.0	8.78	
23 Carbon disulfide	76	3.392	3.392	0.000	99	733382	10.0	9.80	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	88	147919	10.0	9.74	
26 Methyl acetate	43	3.546	3.546	0.000	98	988922	50.0	53.6	
27 Methylene Chloride	84	3.641	3.641	0.000	89	309703	10.0	9.45	
28 2-Methyl-2-propanol	59	3.747	3.747	0.000	96	150770	100.0	96.1	
29 Acrylonitrile	53	3.878	3.878	0.000	99	1017269	100.0	103.9	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	88	671713	10.0	9.82	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	93	280025	10.0	9.29	
32 Hexane	86	4.115	4.115	0.000	92	73088	10.0	9.70	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	499237	10.0	9.47	
34 Vinyl acetate	43	4.305	4.305	0.000	96	279982	9.60	9.66	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2,2-Dichloropropane	77	4.779	4.779	0.000	57	224051	10.0	8.33	
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	69	300702	10.0	9.22	
40 2-Butanone (MEK)	43	4.791	4.791	0.000	94	215133	20.0	20.9	
44 Chlorobromomethane	128	4.992	4.992	0.000	88	137365	10.0	9.50	
45 Tetrahydrofuran	42	5.028	5.028	0.000	93	136138	20.0	21.1	
46 Chloroform	83	5.052	5.052	0.000	70	455278	10.0	9.45	
47 1,1,1-Trichloroethane	97	5.218	5.218	0.000	91	325969	10.0	9.32	
48 Cyclohexane	56	5.253	5.253	0.000	88	510060	10.0	9.62	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	96	364876	10.0	9.47	
50 Carbon tetrachloride	117	5.360	5.360	0.000	78	290036	10.0	9.71	
51 Isobutyl alcohol	41	5.431	5.431	0.000	92	170655	250.0	250.7	
52 Benzene	78	5.538	5.538	0.000	95	1216277	10.0	9.28	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	87	338520	10.0	9.31	
55 n-Heptane	100	5.728	5.728	0.000	90	67075	10.0	9.50	
57 Trichloroethene	130	6.083	6.083	0.000	93	290609	10.0	9.39	
59 Methylcyclohexane	83	6.249	6.249	0.000	88	470352	10.0	9.61	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	95	292741	10.0	9.71	
63 1,4-Dioxane	88	6.392	6.392	0.000	37	51772	200.0	204.1	
62 Dibromomethane	93	6.392	6.392	0.000	89	147024	10.0	9.69	
64 Dichlorobromomethane	83	6.522	6.522	0.000	98	308753	10.0	9.82	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	90	315090	20.0	20.8	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	92	377059	10.0	10.2	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.000	94	430631	20.0	21.7	
69 Toluene	91	7.210	7.210	0.000	98	1280753	10.0	9.57	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	87	297978	10.0	9.36	
71 Ethyl methacrylate	69	7.459	7.459	0.000	86	320169	10.0	9.76	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.000	85	238612	10.0	9.77	
73 Tetrachloroethene	164	7.708	7.708	0.000	92	237836	10.0	9.46	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	86	444516	10.0	9.82	
76 2-Hexanone	43	7.779	7.779	0.000	94	282850	20.0	21.0	
78 Chlorodibromomethane	129	7.945	7.945	0.000	87	212397	10.0	10.4	
79 Ethylene Dibromide	107	8.052	8.052	0.000	97	219903	10.0	10.0	
81 Chlorobenzene	112	8.503	8.503	0.000	94	798037	10.0	9.40	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	85	234885	10.0	9.70	
83 Ethylbenzene	106	8.586	8.586	0.000	98	433917	10.0	9.58	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	538694	10.0	9.69	
85 o-Xylene	106	9.084	9.084	0.000	94	516029	10.0	9.68	
86 Styrene	104	9.096	9.096	0.000	94	882678	10.0	10.0	
87 Bromoform	173	9.285	9.285	0.000	97	118014	10.0	10.4	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1317909	10.0	9.62	
91 1,1,2,2-Tetrachloroethane	83	9.712	9.712	0.000	72	298213	10.0	9.64	
92 Bromobenzene	156	9.748	9.748	0.000	86	329093	10.0	9.06	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.771	0.000	29	64295	10.0	8.63	
94 1,2,3-Trichloropropane	110	9.771	9.771	0.000	63	93330	10.0	9.71	
95 N-Propylbenzene	120	9.819	9.819	0.000	97	381123	10.0	9.77	
96 2-Chlorotoluene	126	9.926	9.926	0.000	96	311105	10.0	9.26	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	84	1098948	10.0	9.50	
98 4-Chlorotoluene	126	10.032	10.032	0.000	95	333124	10.0	9.29	
99 tert-Butylbenzene	119	10.317	10.317	0.000	89	943998	10.0	9.29	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	85	1165351	10.0	9.60	
102 sec-Butylbenzene	105	10.530	10.530	0.000	93	1325934	10.0	9.33	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	98	670501	10.0	9.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 4-Isopropyltoluene	119	10.673	10.673	0.000	95	1159231	10.0	9.64	
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	94	681198	10.0	9.14	
108 n-Butylbenzene	91	11.076	11.076	0.000	96	958444	10.0	9.25	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	97	635274	10.0	9.17	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	68	41727	10.0	9.22	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	92	372394	10.0	8.49	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	91	157172	10.0	8.05	
115 Naphthalene	128	12.997	12.997	0.000	100	766874	10.0	8.61	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	99	350809	10.0	8.35	
S 128 1,2-Dichloroethene, Total	96				0		20.0	18.5	
S 129 1,3-Dichloropropene, Total	75				0		20.0	19.6	
S 130 Xylenes, Total	106				0		20.0	19.4	
S 131 Trihalomethanes, Total	1				0		40.0	40.1	

Report Date: 15-May-2014 15:09:45

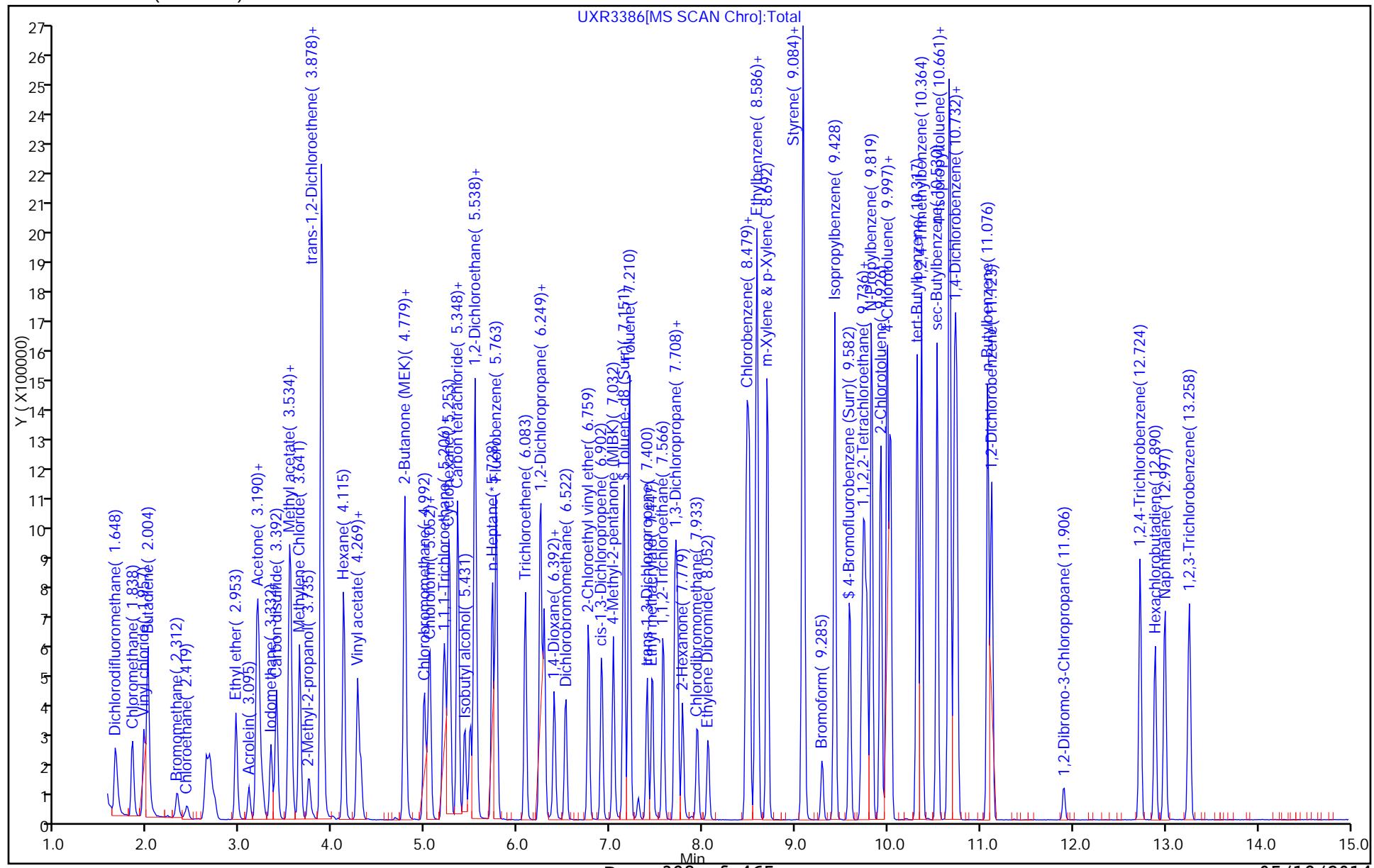
Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3386.D
 Injection Date: 15-May-2014 11:29:30
 Lims ID: CCVIS L4 8260
 Client ID:
 Purge Vol: 5.000 mL
 Method: 8260_17
 Column: DB-624 (0.18 mm)

Instrument ID: A3UX17
 Dil. Factor: 1.0000
 Limit Group: MSV 8260B ICAL

Operator ID: 1644
 Worklist Smp#: 2
 ALS Bottle#: 1



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Lab Sample ID: CCV 240-130826/3 Calibration Date: 05/15/2014 11:52
Instrument ID: A3UX17 Calib Start Date: 03/10/2014 15:38
GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/10/2014 21:35
Lab File ID: UXR3387.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0350	0.0375		0.100		7.0	50.0
Isopropyl ether	Ave	0.2461	0.2305		0.0100		-6.3	50.0
Chloroprene	Ave	0.4321	0.4221		0.0100		-2.3	50.0
Tert-butyl ethyl ether	Ave	0.7318	0.7412		0.0100		1.3	50.0
Ethyl acetate	Ave	0.1472	0.2071		0.0200		40.7	50.0
Propionitrile	Ave	0.0367	0.0388		0.100		5.6	50.0
Methacrylonitrile	Ave	0.1566	0.1686		0.100		7.6	50.0
Tert-amyl methyl ether	Ave	0.5739	0.6217		0.0100		8.3	50.0
n-Butanol	Lin1		0.0065		0.250		-1.0	50.0
Ethyl acrylate	Ave	0.2678	0.3002		0.0100		12.1	50.0
Methyl methacrylate	Ave	0.1968	0.2206		0.0200		12.1	50.0
2-Nitropropane	Ave	0.0347	0.0374		0.0200		7.7	50.0
Cyclohexanone	Ave	0.0124	0.0131		0.100		5.5	50.0
Pentachloroethane	Ave	0.2019	0.2193		0.0217	0.0200	8.6	50.0
1,2,3-Trimethylbenzene	Ave	2.630	2.668		0.0101	0.0100	1.4	50.0
Benzyl chloride	Qua		0.1382		0.0100		10.0	50.0
1,3,5-Trichlorobenzene	Ave	1.062	1.020		0.0100		-4.0	50.0
2-Methylnaphthalene	Lin1		0.6983		0.0200		-42.2	50.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3387.D
 Lims ID: CCV A9 L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 15-May-2014 11:52:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031043-003
 Operator ID: 1644 Instrument ID: A3UX17
 Sublist: chrom-8260_17*sub13
 Method: \NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 15:09:46 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	995002	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	85	757121	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	407235	10.0	10.0	
24 Acetonitrile	41	3.510	3.510	0.000	98	373064	100.0	107.0	
35 Isopropyl ether	87	4.305	4.305	0.000	94	229362	10.0	9.37	
36 2-Chloro-1,3-butadiene	53	4.340	4.340	0.000	88	419978	10.0	9.77	
37 Tert-butyl ethyl ether	59	4.625	4.625	0.000	96	737475	10.0	10.1	
41 Ethyl acetate	43	4.826	4.826	0.000	98	412135	20.0	28.1	
42 Propionitrile	54	4.850	4.850	0.000	99	385524	100.0	105.6	
43 Methacrylonitrile	41	4.981	4.981	0.000	91	1677432	100.0	107.6	
54 Tert-amyl methyl ether	73	5.609	5.609	0.000	95	618575	10.0	10.8	
56 n-Butanol	56	5.988	5.988	0.000	90	122298	250.0	247.4	
58 Ethyl acrylate	55	6.155	6.155	0.000	98	298683	10.0	11.2	
61 Methyl methacrylate	41	6.356	6.356	0.000	89	439078	20.0	22.4	
65 2-Nitropropane	41	6.724	6.724	0.000	97	74433	20.0	21.5	
77 n-Butyl acetate	56	7.874	7.874	0.000	98	130737	10.0	13.4	
90 Cyclohexanone	55	9.546	9.546	0.000	84	53453	100.0	105.5	
100 Pentachloroethane	167	10.352	10.352	0.000	0	332012	20.0	21.7	
106 1,2,3-Trimethylbenzene	105	10.791	10.791	0.000	98	1086377	10.0	10.1	
107 Benzyl chloride	126	10.886	10.886	0.000	0	56268	10.0	11.0	
112 1,3,5-Trichlorobenzene	180	12.107	12.107	0.000	97	415452	10.0	9.60	
117 2-Methylnaphthalene	142	14.396	14.396	0.000	99	568738	20.0	11.6	

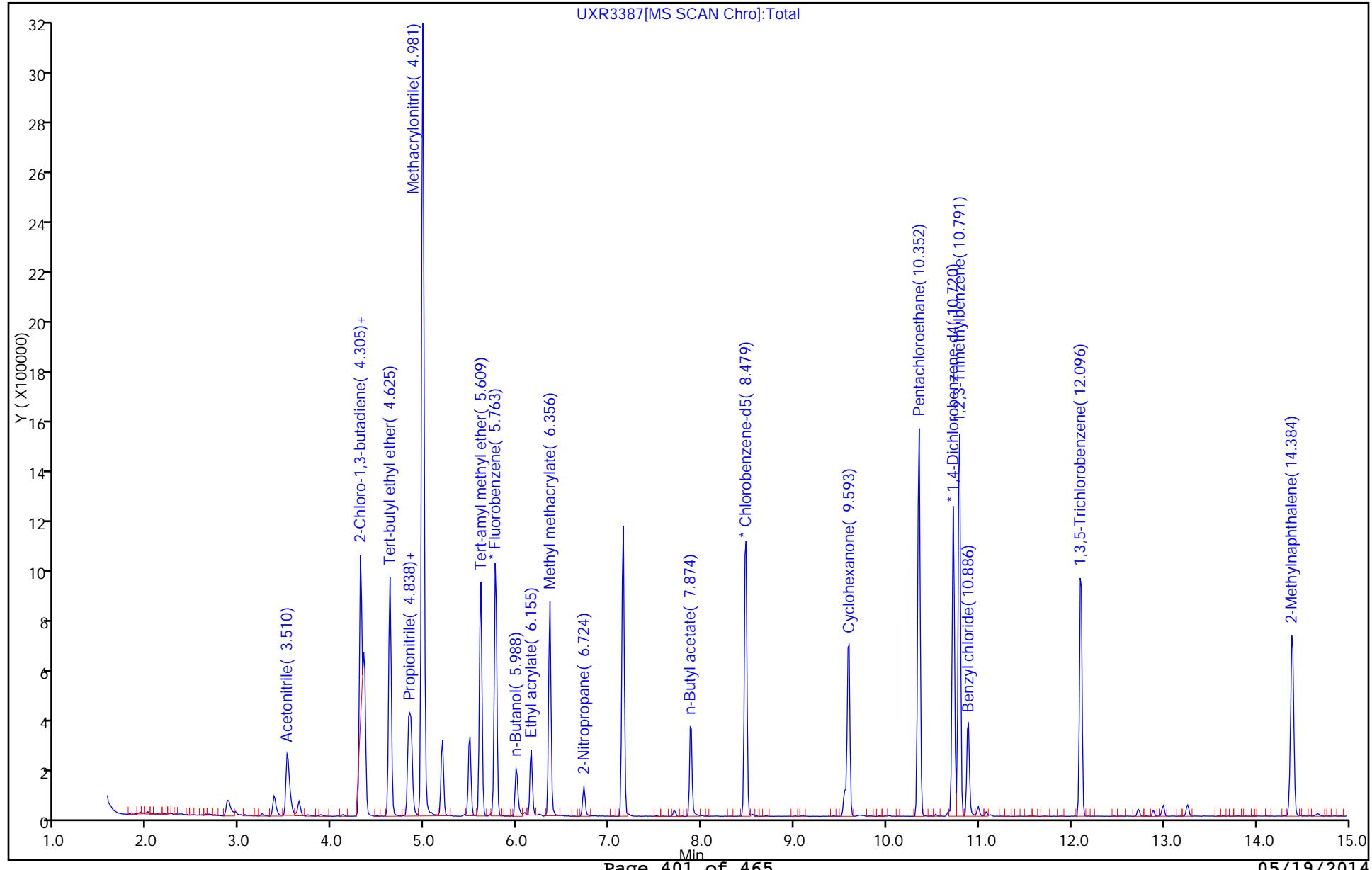
Report Date: 15-May-2014 15:09:46

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3387.D
Injection Date: 15-May-2014 11:52:30 Instrument ID: A3UX17
Lims ID: CCV A9 L4 Operator ID: 1644
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 3



TestAmerica Canton
Target Compound Quantitation Report

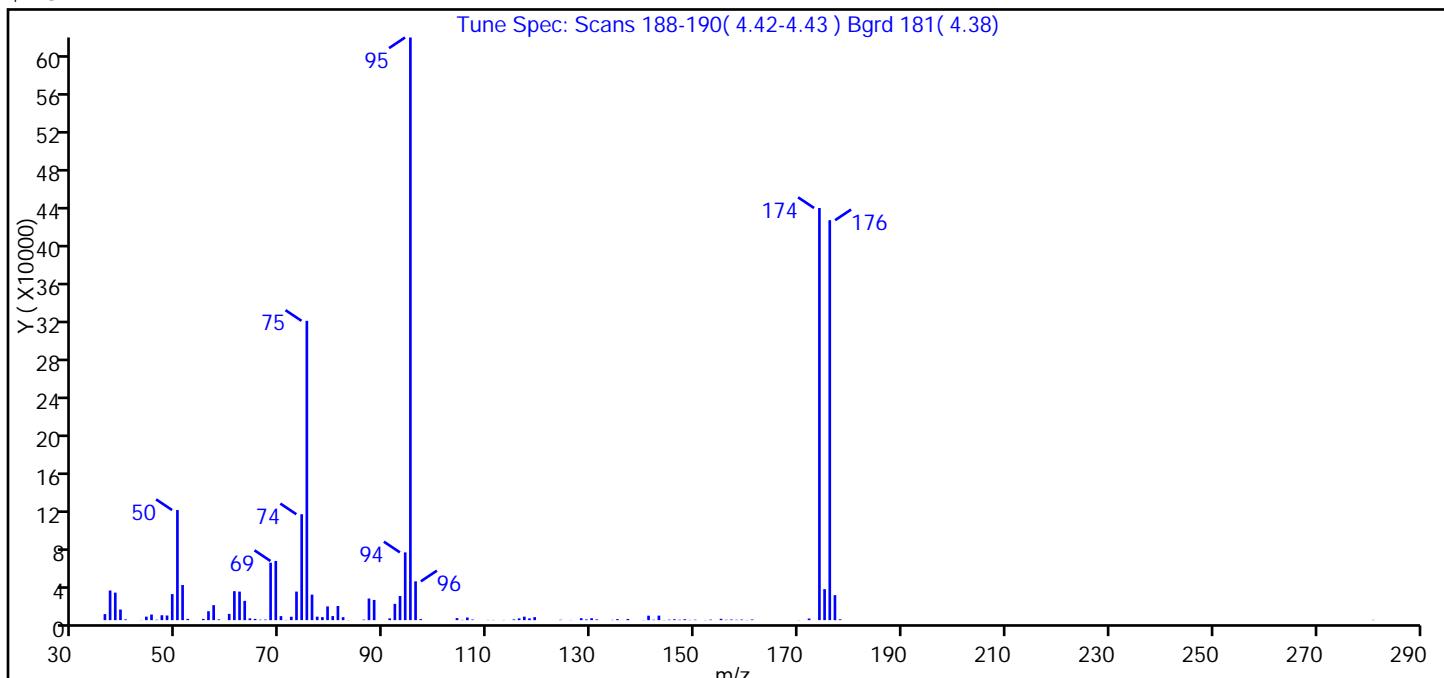
Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 09-May-2014 13:06:30 ALS Bottle#: 2 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: J40509A,BFBUX11,,43582 =J40509A,BFBUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 10-May-2014 10:11:57 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK022

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 8 BFB	95	4.429	4.429	0.000	0	1201650	NR	NR	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D
 Injection Date: 09-May-2014 13:06:30 Instrument ID: A3UX11
 Lims ID: BFB
 Client ID:
 Operator ID: 43582 ALS Bottle#: 2 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Tune Method: BFB Method 8260

\$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.90
75	30.00 - 60.00% of mass 95	51.40
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	70.70
175	5.00 - 9.00% of mass 174	5.30 (7.50)
176	95.00 - 101.00% of mass 174	68.60 (97.00)
177	5.00 - 9.00% of mass 176	4.30 (6.20)

Data File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\BFB509E.D\8260_11.rslt\spectra.d
 Injection Date: 09-May-2014 13:06:30
 Spectrum: Tune Spec: Scans 188-190(4.42-4.43) Bgrd 181(4.38)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6408	67.00	629	97.00	1108	144.00	175
37.00	31432	68.00	60912	104.00	2188	145.00	524
38.00	29168	69.00	62752	105.00	260	146.00	945
39.00	11296	70.00	4258	106.00	2783	147.00	432
40.00	824	71.00	209	107.00	613	148.00	964
43.00	181	72.00	3612	110.00	211	149.00	266
44.00	3710	73.00	30296	111.00	230	150.00	503
45.00	5957	74.00	112320	113.00	197	152.00	178
46.00	447	75.00	317440	115.00	799	153.00	571
47.00	5219	76.00	27096	116.00	1892	155.00	1420
48.00	4935	77.00	3685	117.00	3696	156.00	391
49.00	27640	78.00	3192	118.00	1883	157.00	673
50.00	116776	79.00	14562	119.00	3178	158.00	405
51.00	37240	80.00	4295	124.00	427	159.00	622
52.00	1325	81.00	14998	126.00	175	160.00	197
55.00	1314	82.00	3168	128.00	2066	161.00	699
56.00	9463	83.00	175	129.00	797	170.00	171
57.00	15872	86.00	571	130.00	2072	172.00	1741
58.00	814	87.00	22936	131.00	816	174.00	437120
60.00	6623	88.00	21432	134.00	272	175.00	32880
61.00	30728	91.00	1910	135.00	1085	176.00	424192
62.00	30264	92.00	17296	137.00	1238	177.00	26512
63.00	20456	93.00	25648	140.00	209	178.00	927
64.00	1905	94.00	71888	141.00	4729	281.00	282
65.00	1297	95.00	617984	142.00	435		
66.00	485	96.00	41176	143.00	4788		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8246.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 12-May-2014 22:22:30 ALS Bottle#: 31 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-001
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:56 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle Date: 13-May-2014 07:49:46

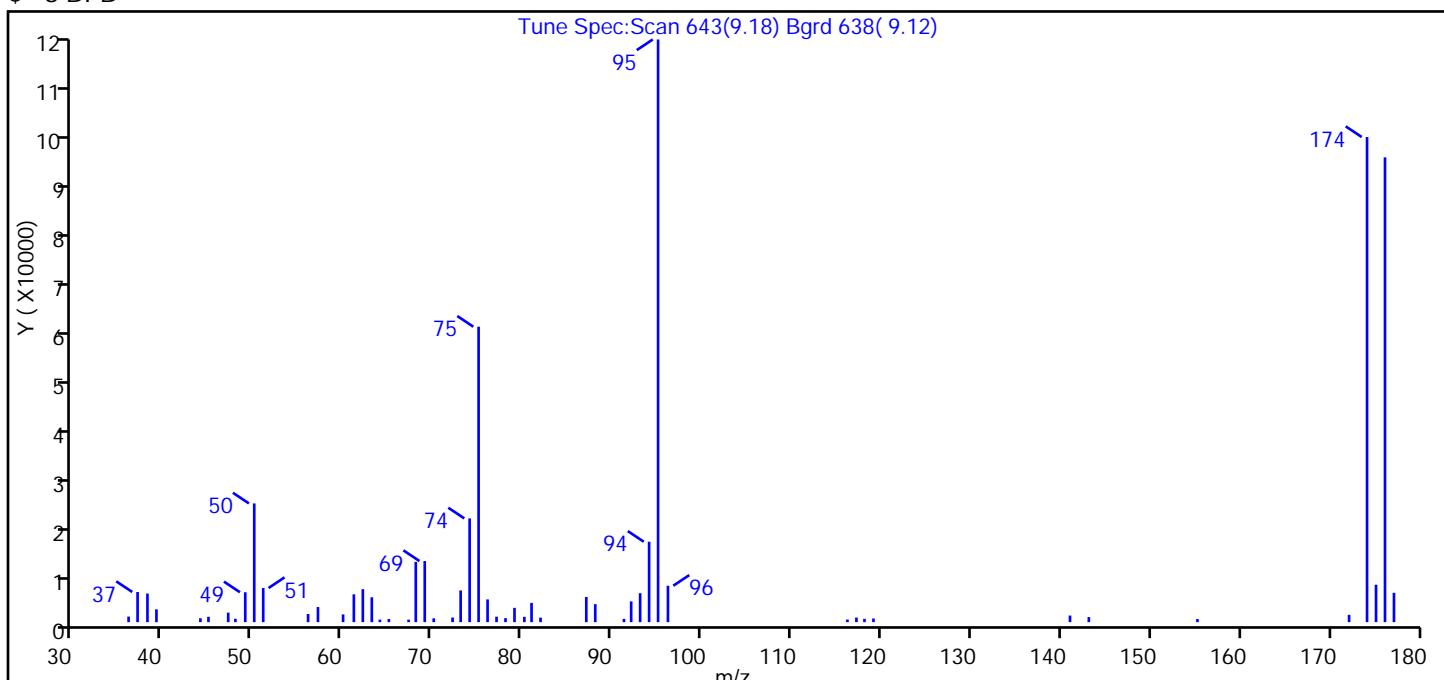
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 8 BFB	95	9.182	9.182	0.000	0	240167	NR	NR	
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8246.D
 Injection Date: 12-May-2014 22:22:30 Instrument ID: A3UX11
 Lims ID: BFB
 Client ID:
 Operator ID: 43582 ALS Bottle#: 31 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Tune Method: BFB Method 8260

\$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.40
75	30.00 - 60.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	6.20
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	83.30
175	5.00 - 9.00% of mass 174	6.40 (7.70)
176	95.00 - 101.00% of mass 174	79.80 (95.80)
177	5.00 - 9.00% of mass 176	5.00 (6.30)

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8246.D\8260_11.rslt\spectra.d
 Injection Date: 12-May-2014 22:22:30
 Spectrum: Tune Spec:Scan 643(9.18) Bgrd 638(9.12)
 Base Peak: 95.10
 Minimum % Base Peak: 0
 Number of Points: 54

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1114	61.20	5572	77.10	1097	116.20	528
37.10	6038	62.20	6607	78.10	802	117.20	923
38.20	5727	63.20	4979	79.10	2863	118.10	657
39.20	2566	64.10	512	80.20	1071	119.10	729
44.10	781	65.10	619	81.00	3859	141.00	1319
45.00	1073	67.30	502	82.00	913	143.10	1012
47.20	1906	68.10	12073	87.10	5040	155.20	613
48.00	671	69.10	12239	88.10	3603	172.10	1460
49.10	5984	70.10	760	91.30	661	174.10	97160
50.10	23776	72.20	925	92.10	4157	175.10	7500
51.10	6831	73.10	6348	93.10	5796	176.10	93088
56.10	1634	74.10	20776	94.10	16102	177.10	5876
57.20	3027	75.10	59176	95.10	116696		
60.00	1550	76.10	4552	96.20	7291		

TestAmerica Canton
Target Compound Quantitation Report

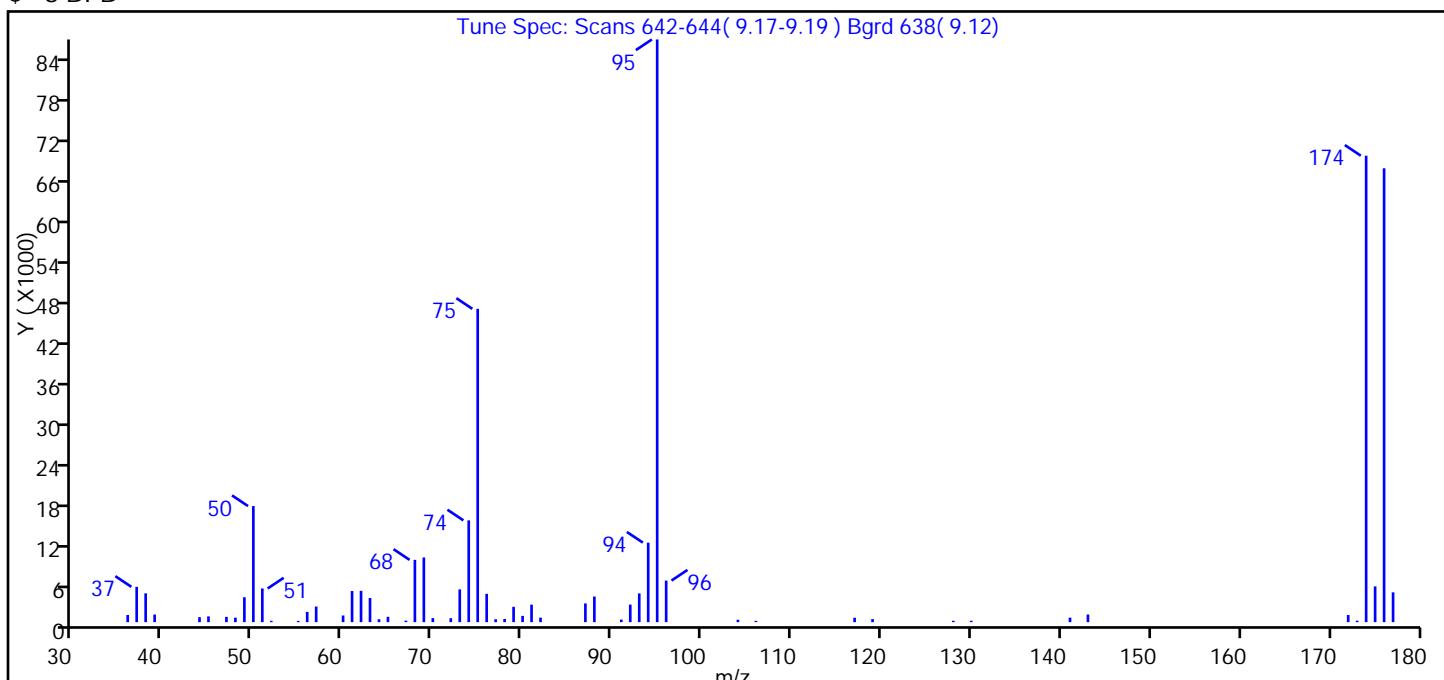
Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8333.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-May-2014 21:06:30 ALS Bottle#: 29 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-001
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:27 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 8 BFB	95	9.182	9.182	0.000	0	224137	NR	NR	

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8333.D
 Injection Date: 14-May-2014 21:06:30 Instrument ID: A3UX11
 Lims ID: BFB
 Client ID:
 Operator ID: 43582 ALS Bottle#: 29 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Tune Method: BFB Method 8260

\$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.90
75	30.00 - 60.00% of mass 95	53.80
96	5.00 - 9.00% of mass 95	7.10
173	Less than 2.00% of mass 174	0.20 (0.30)
174	50.00 - 120.00% of mass 95	80.10
175	5.00 - 9.00% of mass 174	6.10 (7.70)
176	95.00 - 101.00% of mass 174	77.90 (97.30)
177	5.00 - 9.00% of mass 176	5.10 (6.60)

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8333.D\8260_11.rslt\spectra.d
 Injection Date: 14-May-2014 21:06:30
 Spectrum: Tune Spec: Scans 642-644(9.17-9.19) Bgrd 638(9.12)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1054	60.00	982	77.00	425	106.00	189
37.00	5211	61.00	4598	78.00	471	117.00	652
38.00	4252	62.00	4624	79.00	2263	119.00	447
39.00	1124	63.00	3567	80.00	924	128.00	201
44.00	737	64.00	430	81.00	2582	130.00	207
45.00	852	65.00	791	82.00	670	141.00	669
47.00	778	67.00	215	87.00	2763	143.00	1125
48.00	665	68.00	9196	88.00	3781	172.00	1053
49.00	3677	69.00	9547	91.00	379	173.00	215
50.00	17136	70.00	595	92.00	2590	174.00	68864
51.00	4969	72.00	583	93.00	4238	175.00	5277
52.00	194	73.00	4835	94.00	11739	176.00	67008
55.00	180	74.00	15026	95.00	86024	177.00	4399
56.00	1512	75.00	46256	96.00	6135		
57.00	2305	76.00	4180	104.00	357		

TestAmerica Canton
Target Compound Quantitation Report

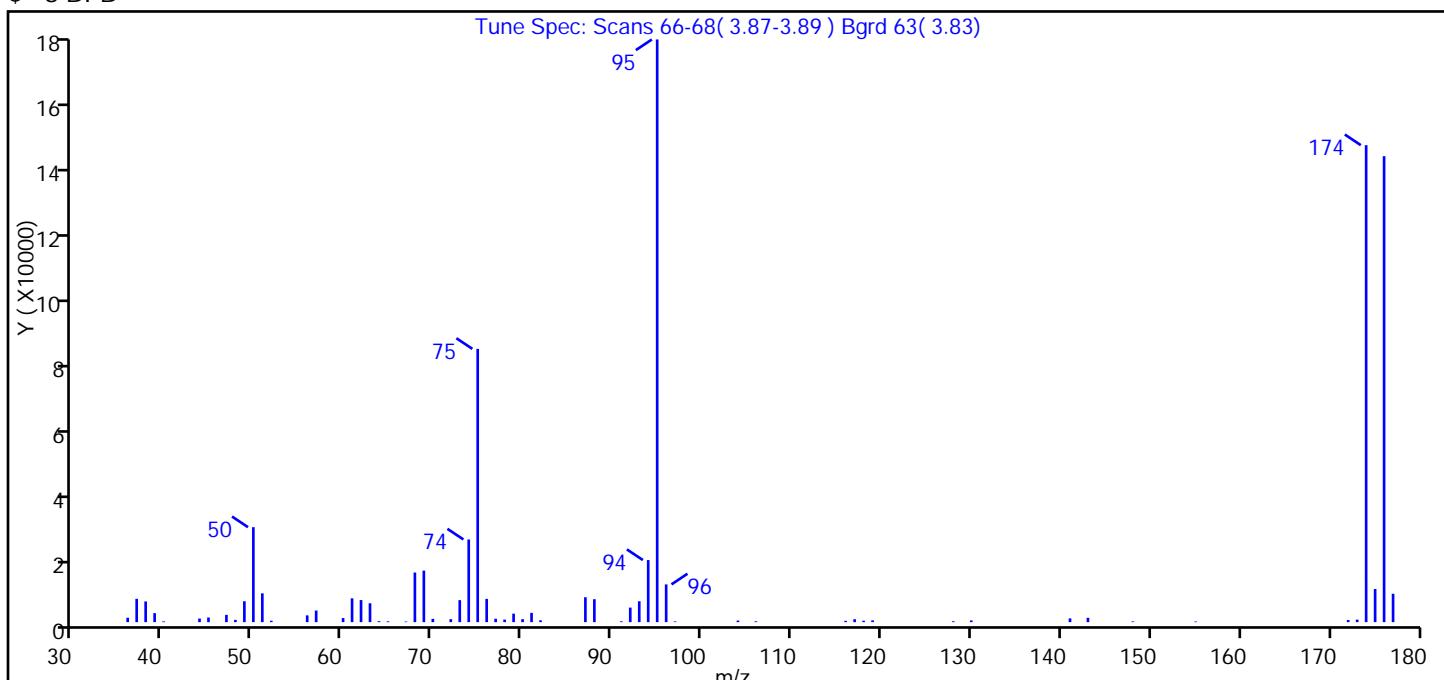
Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 10-Mar-2014 12:55:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0028866-001
 Operator ID: 001644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 11-Mar-2014 13:09:17 Calib Date: 10-Mar-2014 21:35:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\UXR1550.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK048

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
\$ 8 BFB	95	3.881	3.881	0.0	0	417149	NR	

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D
 Injection Date: 10-Mar-2014 12:55:30 Instrument ID: A3UX17
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Operator ID: 001644 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Tune Method: BFB Method 8260

\$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.30
75	30.00 - 60.00% of mass 95	46.90
96	5.00 - 9.00% of mass 95	6.50
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	81.90
175	5.00 - 9.00% of mass 174	5.70 (6.90)
176	95.00 - 101.00% of mass 174	80.00 (97.70)
177	5.00 - 9.00% of mass 176	4.90 (6.10)

Data File: \\NCCHROM\ChromData\A3UX17\20140310-28866.b\BFB023.D\8260_17.rslt\spectra.d
 Injection Date: 10-Mar-2014 12:55:30
 Spectrum: Tune Spec: Scans 66-68(3.87-3.89) Bgrd 63(3.83)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1316	61.00	7053	79.00	2515	117.00	865
37.00	6894	62.00	6538	80.00	880	118.00	411
38.00	6124	63.00	5589	81.00	2747	119.00	525
39.00	2669	64.00	290	82.00	544	128.00	260
40.00	235	65.00	240	87.00	7370	130.00	504
44.00	1068	67.00	183	88.00	6794	141.00	1112
45.00	1372	68.00	14696	91.00	244	143.00	1293
47.00	2152	69.00	15257	92.00	4308	148.00	217
48.00	671	70.00	970	93.00	6186	155.00	190
49.00	6193	72.00	874	94.00	18384	172.00	626
50.00	28120	73.00	6519	95.00	172544	173.00	749
51.00	8531	74.00	24480	96.00	11179	174.00	141248
52.00	412	75.00	80920	97.00	211	175.00	9810
56.00	2006	76.00	6877	104.00	471	176.00	137984
57.00	3441	77.00	1012	106.00	244	177.00	8397
60.00	1214	78.00	754	116.00	384		

TestAmerica Canton
Target Compound Quantitation Report

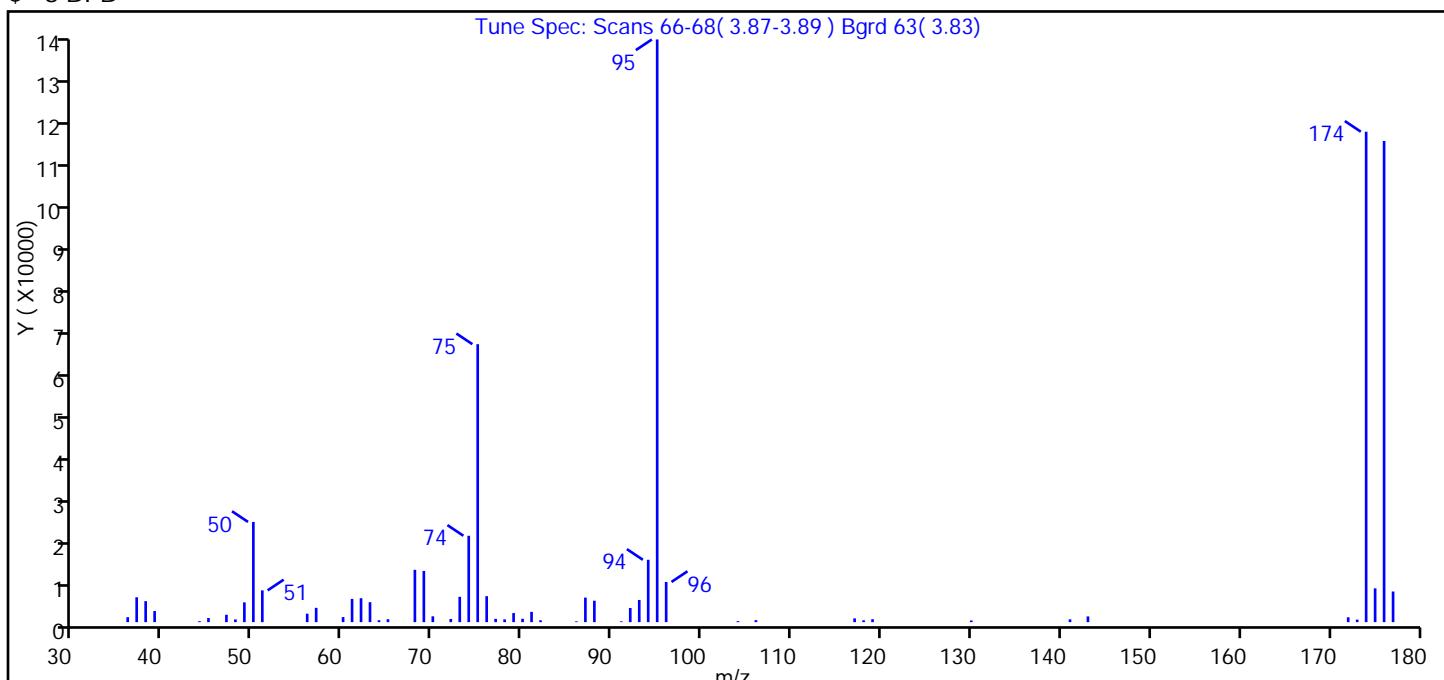
Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\BFB136.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 15-May-2014 11:01:30 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031043-001
 Operator ID: 001644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 15:09:44 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 8 BFB	95	3.881	3.881	0.000	0	332088	NR	NR	

TestAmerica Canton

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\BFB136.D
 Injection Date: 15-May-2014 11:01:30 Instrument ID: A3UX17
 Lims ID: BFB
 Client ID:
 Operator ID: 001644 ALS Bottle#: 1 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Tune Method: BFB Method 8260

\$ 8 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.20
75	30.00 - 60.00% of mass 95	47.70
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.40 (0.50)
174	50.00 - 120.00% of mass 95	84.20
175	5.00 - 9.00% of mass 174	5.80 (6.90)
176	95.00 - 101.00% of mass 174	82.60 (98.10)
177	5.00 - 9.00% of mass 176	5.30 (6.40)

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\BFB136.D\8260_17.rslt\spectra.d
 Injection Date: 15-May-2014 11:01:30
 Spectrum: Tune Spec: Scans 66-68(3.87-3.89) Bgrd 63(3.83)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1157	61.00	5422	78.00	648	104.00	237
37.00	5801	62.00	5585	79.00	2124	106.00	473
38.00	4900	63.00	4654	80.00	785	117.00	879
39.00	2590	64.00	441	81.00	2402	118.00	423
44.00	220	65.00	680	82.00	435	119.00	677
45.00	960	68.00	12213	86.00	183	130.00	386
47.00	1719	69.00	11950	87.00	5729	141.00	651
48.00	638	70.00	1355	88.00	5008	143.00	1335
49.00	4620	72.00	738	91.00	185	172.00	1136
50.00	23392	73.00	5912	92.00	3307	173.00	594
51.00	7418	74.00	20160	93.00	5179	174.00	114472
56.00	1975	75.00	64880	94.00	14554	175.00	7887
57.00	3340	76.00	6061	95.00	136000	176.00	112312
60.00	1179	77.00	768	96.00	9382	177.00	7151

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130294/5
Matrix: Water Lab File ID: UXJ8251.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/13/2014 00:19
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130294/5
Matrix: Water Lab File ID: UXJ8251.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/13/2014 00:19
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	ND		1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		66-120
1868-53-7	Dibromofluoromethane (Surr)	85		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		63-129
2037-26-5	Toluene-d8 (Surr)	85		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8251.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 13-May-2014 00:19:30 ALS Bottle#: 36 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-005
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle Date: 13-May-2014 07:52:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.384	5.383	0.001	99	1271249	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.070	8.069	0.001	83	681517	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	96	210883	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.816	4.815	0.001	98	256311	8.34	7.05	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.100	5.099	0.001	94	333576	8.34	6.62	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	85	951396	8.34	7.09	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	227184	8.34	7.31	
9 Dichlorodifluoromethane	85		1.668						
10 Isobutylene TIC	1		1.750						
11 Chloromethane	50		1.822						
12 Vinyl chloride	62		1.916						
13 1,3-Butadiene TIC	1		1.950						
124 Butadiene	54		1.964						
14 Bromomethane	94		2.236						
15 Chloroethane	64		2.319						
16 Dichlorofluoromethane	67		2.484						
17 Trichlorofluoromethane	101		2.543						
18 Ethyl ether	59		2.756						
19 Acrolein	56		2.863						
22 Acetone	43		2.993						
20 1,1-Dichloroethene	96		2.993						
21 1,1,2-Trichloro-1,2,2-trif	151		2.993						
23 Methylal	45		3.100						
24 Iodomethane	142		3.135						
25 Carbon disulfide	76		3.182						
27 Acetonitrile	41		3.218						
29 Methyl acetate	43		3.265						
26 3-Chloro-1-propene	76		3.265						
28 Methylene Chloride	84		3.360						
30 2-Methyl-2-propanol	59		3.431						
31 Acrylonitrile	53		3.549						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73		3.597						
33 trans-1,2-Dichloroethene	96		3.597						
34 Hexane	86		3.821						
35 1,1-Dichloroethane	63		3.940						
36 Vinyl acetate	43		3.963						
37 Isopropyl ether	87		3.987						
38 2-Chloro-1,3-butadiene	53		4.023						
39 Tert-butyl ethyl ether	59		4.295						
40 cis-1,2-Dichloroethene	96		4.425						
45 2-Butanone (MEK)	43		4.425						
41 2,2-Dichloropropane	77		4.425						
42 Ethyl acetate	43		4.460						
43 Propionitrile	54		4.460						
48 Methacrylonitrile	41		4.602						
44 Chlorobromomethane	128		4.626						
47 Chloroform	83		4.673						
46 Tetrahydrofuran	42		4.673						
49 1,1,1-Trichloroethane	97		4.851						
50 Cyclohexane	56		4.910						
51 1,1-Dichloropropene	75		4.981						
52 Carbon tetrachloride	117		4.993						
53 Isobutyl alcohol	41		5.028						
54 Benzene	78		5.159						
55 1,2-Dichloroethane	62		5.159						
56 Tert-amyl methyl ether	73		5.241						
57 n-Heptane	100		5.372						
58 n-Butanol	56		5.585						
59 Trichloroethene	130		5.703						
60 Ethyl acrylate	55		5.750						
61 Methylcyclohexane	83		5.880						
62 1,2-Dichloropropane	63		5.892						
65 Methyl methacrylate	41		5.951						
63 Dibromomethane	93		5.987						
64 1,4-Dioxane	88		5.987						
66 Dichlorobromomethane	83		6.105						
68 2-Nitropropane	41		6.295						
67 2-Chloroethyl vinyl ether	63		6.354						
69 cis-1,3-Dichloropropene	75		6.496						
70 4-Methyl-2-pentanone (MIBK)	43		6.626						
71 Toluene	91		6.815						
72 trans-1,3-Dichloropropene	75		6.981						
73 Ethyl methacrylate	69		7.052						
74 1,1,2-Trichloroethane	97		7.158						
76 1,3-Dichloropropane	76		7.312						
75 Tetrachloroethene	164		7.312						
77 2-Hexanone	43		7.371						
79 n-Butyl acetate	43		7.478						
78 Chlorodibromomethane	129		7.525						
80 Tetrahydrothiophene	60		7.537						
81 Ethylene Dibromide	107		7.643						
83 1-Chlorohexane	91		8.058						
82 Chlorobenzene	112		8.093						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,1,2-Tetrachloroethane	131		8.164						
85 Ethylbenzene	106		8.188						
86 m-Xylene & p-Xylene	106		8.294						
87 Styrene	104		8.685						
88 o-Xylene	106		8.685						
89 Bromoform	173		8.874						
90 Isopropylbenzene	105		9.028						
91 1,4-Dichlorobutane	55		9.111						
92 Cyclohexanone	55		9.123						
93 1,1,2,2-Tetrachloroethane	83		9.300						
94 Bromobenzene	156		9.336						
97 trans-1,4-Dichloro-2-buten	53		9.347						
95 1,2,3-Trichloropropane	110		9.347						
96 N-Propylbenzene	120		9.430						
98 2-Chlorotoluene	126		9.525						
99 1,3,5-Trimethylbenzene	105		9.596						
100 4-Chlorotoluene	126		9.620						
101 tert-Butylbenzene	119		9.915						
103 Pentachloroethane	167		9.939						
102 1,2,4-Trimethylbenzene	105		9.963						
106 sec-Butylbenzene	105		10.140						
104 1,3-Dichlorobenzene	146		10.259						
105 4-Isopropyltoluene	119		10.282						
107 1,4-Dichlorobenzene	146		10.341						
108 1,2,3-Trimethylbenzene	105		10.389						
110 Benzyl chloride	126		10.472						
109 1,3-Diethylbenzene TIC	1		10.500						
111 n-Butylbenzene	91		10.685						
112 1,2-Dichlorobenzene	146		10.708						
113 1,2-Dibromo-3-Chloropropan	157		11.477						
114 1,3,5-Trichlorobenzene	180		11.702						
115 1,2,4-Trichlorobenzene	180		12.317						
116 Hexachlorobutadiene	225		12.495						
117 Naphthalene	128		12.578						
118 1,2,3-Trichlorobenzene	180		12.838						
119 2-Methylnaphthalene	142		13.939						
120 Pentachloroethane TIC	1		0.000						
125 2-Ethyltoluene	1		0.000						
127 C6-C12	1		0.000						
129 C6-C10	1		0.000						
126 3-Ethyltoluene	1		0.000						
128 Chlorodifluoromethane TIC	1		0.000						
121 Epichlorohydrin	1		0.000						
123 Ethylene oxide	1		0.000						
122 Propene oxide	1		0.000						
S 130 1,2-Dichloroethene, Total	96		1.140						
S 131 1,3-Dichloropropene, Total	75		6.760						
S 132 Xylenes, Total	106		16.530						
S 133 Trihalomethanes, Total	1		0.000						
T 134 Butyl Methacrylate TIC	1		8.925						
T 135 Hexachloroethane TIC	1		10.774						

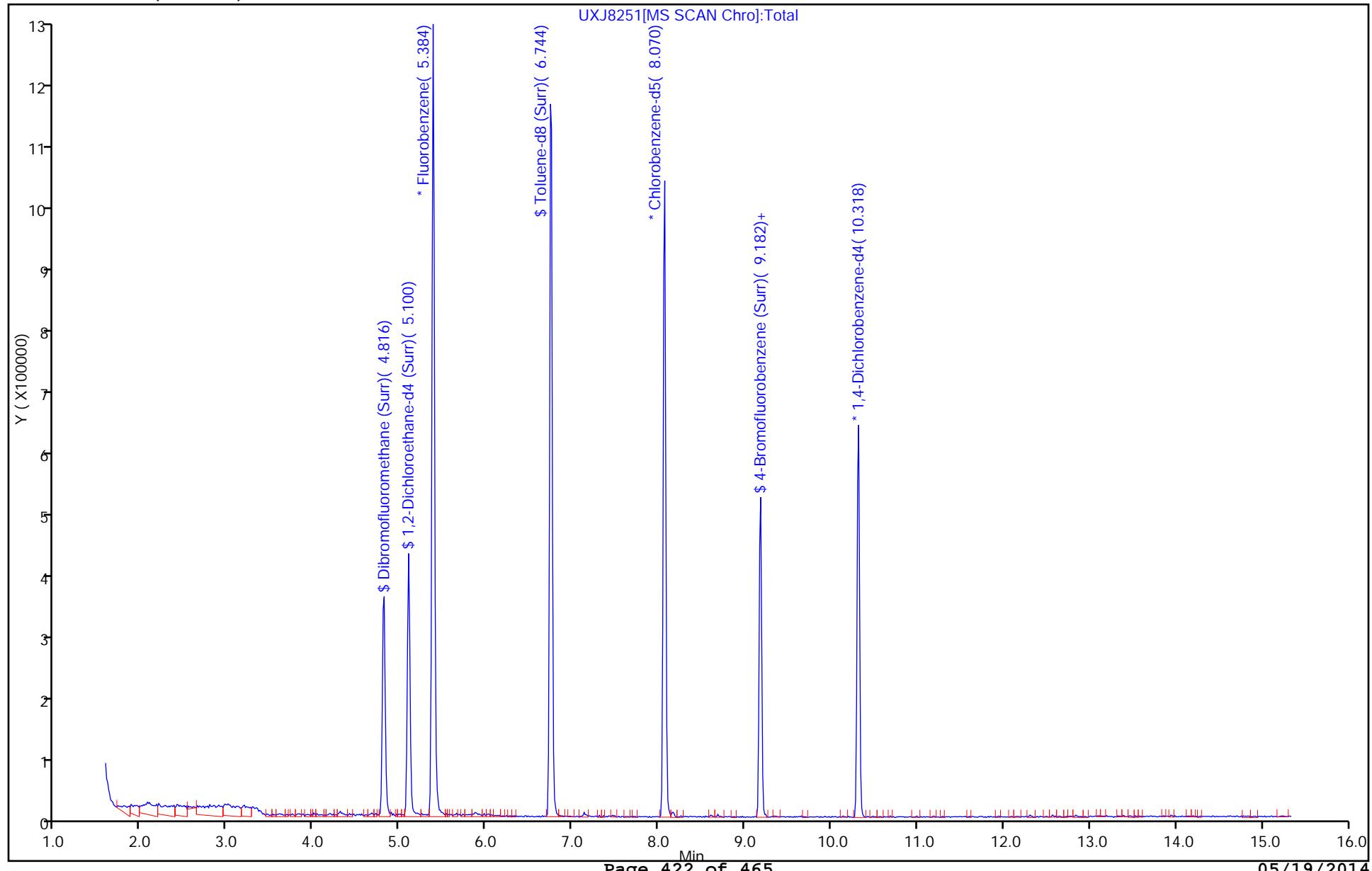
Report Date: 13-May-2014 10:51:00

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8251.D
Injection Date: 13-May-2014 00:19:30 Instrument ID: A3UX11
Lims ID: MB Operator ID: 43582
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 36
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)

Worklist Smp#: 5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130687/5
Matrix: Water Lab File ID: UXJ8339.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 23:25
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	ND		10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130687/5
Matrix: Water Lab File ID: UXJ8339.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 23:25
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.464	J	1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	80		66-120
1868-53-7	Dibromofluoromethane (Surr)	85		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		63-129
2037-26-5	Toluene-d8 (Surr)	87		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8339.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-May-2014 23:25:30 ALS Bottle#: 35 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-005
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 07:52:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	99	1350473	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	84	706516	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	95	222136	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	95	273895	8.34	7.09	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	95	351136	8.34	6.56	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	1008418	8.34	7.25	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	86	214620	8.34	6.66	
9 Dichlorodifluoromethane	85		1.668						
10 Isobutylene TIC	1		1.750						
11 Chloromethane	50		1.822						
12 Vinyl chloride	62		1.928						
13 1,3-Butadiene TIC	1		1.950						
124 Butadiene	54		1.964						
14 Bromomethane	94		2.236						
15 Chloroethane	64		2.330						
16 Dichlorofluoromethane	67		2.484						
17 Trichlorofluoromethane	101		2.543						
18 Ethyl ether	59		2.756						
19 Acrolein	56		2.875						
20 1,1-Dichloroethene	96		2.993						
22 Acetone	43		2.993						
21 1,1,2-Trichloro-1,2,2-trif	151		2.993						
23 Methylal	45		3.100						
24 Iodomethane	142		3.135						
25 Carbon disulfide	76		3.194						
27 Acetonitrile	41		3.230						
26 3-Chloro-1-propene	76		3.265						
29 Methyl acetate	43		3.265						
28 Methylene Chloride	84	3.384	3.372	0.012	75	15855		0.4636	
30 2-Methyl-2-propanol	59		3.431						
31 Acrylonitrile	53		3.561						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73		3.597						
33 trans-1,2-Dichloroethene	96		3.597						
34 Hexane	86		3.833						
35 1,1-Dichloroethane	63		3.952						
36 Vinyl acetate	43		3.963						
37 Isopropyl ether	87		3.999						
38 2-Chloro-1,3-butadiene	53		4.023						
39 Tert-butyl ethyl ether	59		4.295						
45 2-Butanone (MEK)	43		4.425						
40 cis-1,2-Dichloroethene	96		4.425						
41 2,2-Dichloropropane	77		4.437						
42 Ethyl acetate	43		4.461						
43 Propionitrile	54		4.472						
48 Methacrylonitrile	41		4.603						
44 Chlorobromomethane	128		4.626						
46 Tetrahydrofuran	42		4.673						
47 Chloroform	83		4.673						
49 1,1,1-Trichloroethane	97		4.851						
50 Cyclohexane	56		4.910						
51 1,1-Dichloropropene	75		4.993						
52 Carbon tetrachloride	117		4.993						
53 Isobutyl alcohol	41		5.028						
54 Benzene	78		5.159						
55 1,2-Dichloroethane	62		5.170						
56 Tert-amyl methyl ether	73		5.241						
57 n-Heptane	100		5.360						
58 n-Butanol	56		5.585						
59 Trichloroethene	130		5.703						
60 Ethyl acrylate	55		5.750						
61 Methylcyclohexane	83		5.880						
62 1,2-Dichloropropane	63		5.892						
65 Methyl methacrylate	41		5.951						
63 Dibromomethane	93		5.987						
64 1,4-Dioxane	88		5.999						
66 Dichlorobromomethane	83		6.117						
68 2-Nitropropane	41		6.295						
67 2-Chloroethyl vinyl ether	63		6.354						
69 cis-1,3-Dichloropropene	75		6.496						
70 4-Methyl-2-pentanone (MIBK)	43		6.626						
71 Toluene	91		6.815						
72 trans-1,3-Dichloropropene	75		6.981						
73 Ethyl methacrylate	69		7.052						
74 1,1,2-Trichloroethane	97		7.158						
76 1,3-Dichloropropane	76		7.312						
75 Tetrachloroethene	164		7.312						
77 2-Hexanone	43		7.371						
79 n-Butyl acetate	43		7.478						
78 Chlorodibromomethane	129		7.525						
80 Tetrahydrothiophene	60		7.537						
81 Ethylene Dibromide	107		7.643						
83 1-Chlorohexane	91		8.058						
82 Chlorobenzene	112		8.093						

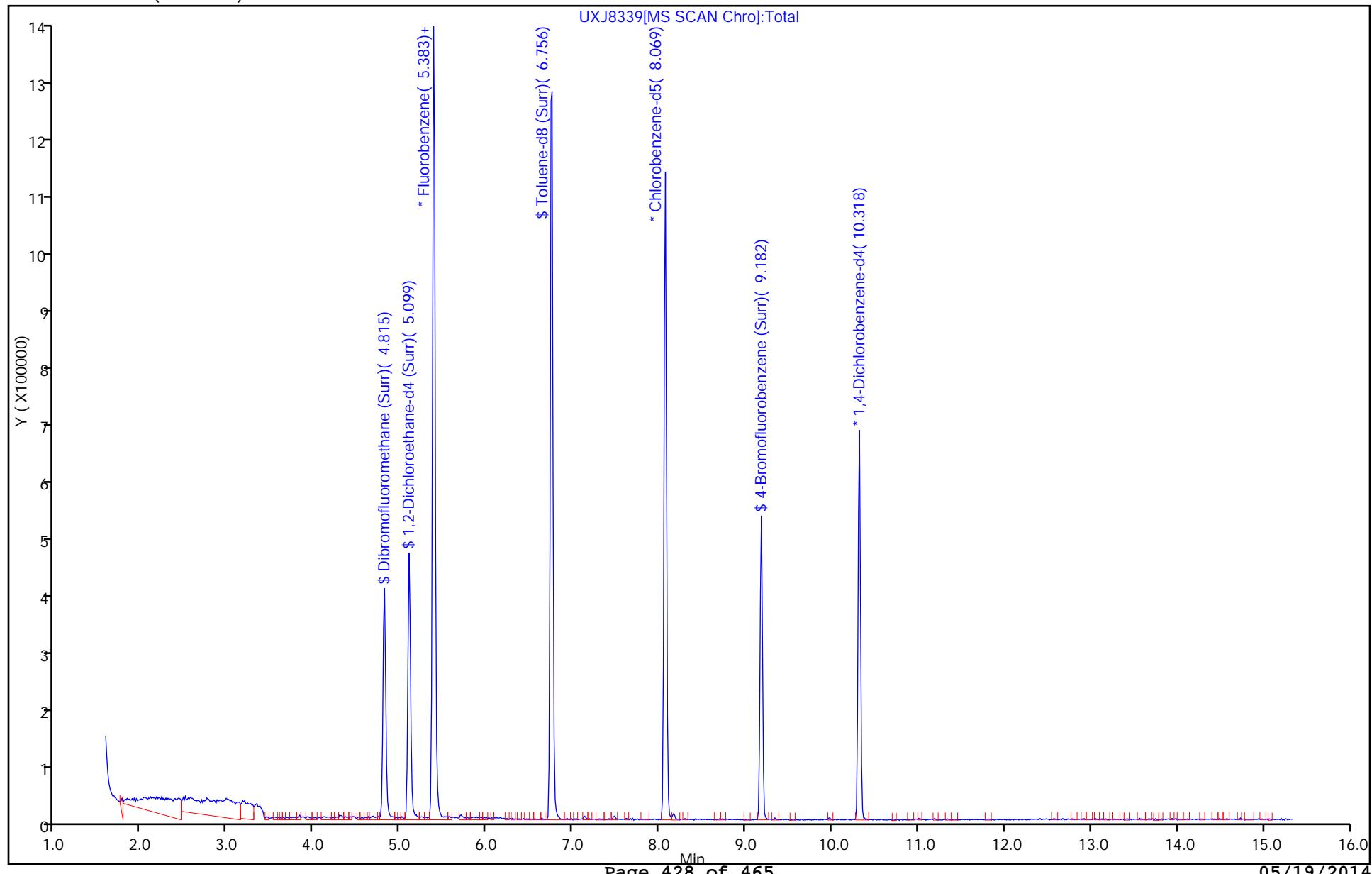
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,1,2-Tetrachloroethane	131		8.164						
85 Ethylbenzene	106		8.188						
86 m-Xylene & p-Xylene	106		8.294						
88 o-Xylene	106		8.685						
87 Styrene	104		8.685						
89 Bromoform	173		8.874						
90 Isopropylbenzene	105		9.028						
91 1,4-Dichlorobutane	55		9.111						
92 Cyclohexanone	55		9.123						
93 1,1,2,2-Tetrachloroethane	83		9.300						
94 Bromobenzene	156		9.336						
95 1,2,3-Trichloropropane	110		9.347						
97 trans-1,4-Dichloro-2-buten	53		9.359						
98 2-Chlorotoluene	126		9.525						
99 1,3,5-Trimethylbenzene	105		9.596						
100 4-Chlorotoluene	126		9.620						
101 tert-Butylbenzene	119		9.927						
103 Pentachloroethane	167		9.939						
102 1,2,4-Trimethylbenzene	105		9.963						
106 sec-Butylbenzene	105		10.140						
104 1,3-Dichlorobenzene	146		10.259						
105 4-Isopropyltoluene	119		10.282						
107 1,4-Dichlorobenzene	146		10.341						
108 1,2,3-Trimethylbenzene	105		10.389						
110 Benzyl chloride	126		10.472						
109 1,3-Diethylbenzene TIC	1		10.500						
111 n-Butylbenzene	91		10.685						
112 1,2-Dichlorobenzene	146		10.708						
113 1,2-Dibromo-3-Chloropropan	157		11.477						
114 1,3,5-Trichlorobenzene	180		11.702						
115 1,2,4-Trichlorobenzene	180		12.317						
116 Hexachlorobutadiene	225		12.495						
117 Naphthalene	128		12.578						
118 1,2,3-Trichlorobenzene	180		12.838						
119 2-Methylnaphthalene	142		13.939						
128 Chlorodifluoromethane TIC	1		0.000						
121 Epichlorohydrin	1		0.000						
122 Propene oxide	1		0.000						
123 Ethylene oxide	1		0.000						
120 Pentachloroethane TIC	1		0.000						
126 3-Ethyltoluene	1		0.000						
125 2-Ethyltoluene	1		0.000						
129 C6-C10	1		0.000						
127 C6-C12	1		0.000						
S 130 1,2-Dichloroethene, Total	96		1.140						
S 131 1,3-Dichloropropene, Total	75		6.760						
S 132 Xylenes, Total	106		16.530						
S 133 Trihalomethanes, Total	1		0.000						
T 134 Butyl Methacrylate TIC	1		8.925						
T 135 Hexachloroethane TIC	1		10.774						

Report Date: 15-May-2014 08:55:31

Chrom Revision: 2.2 14-Apr-2014 13:40:08

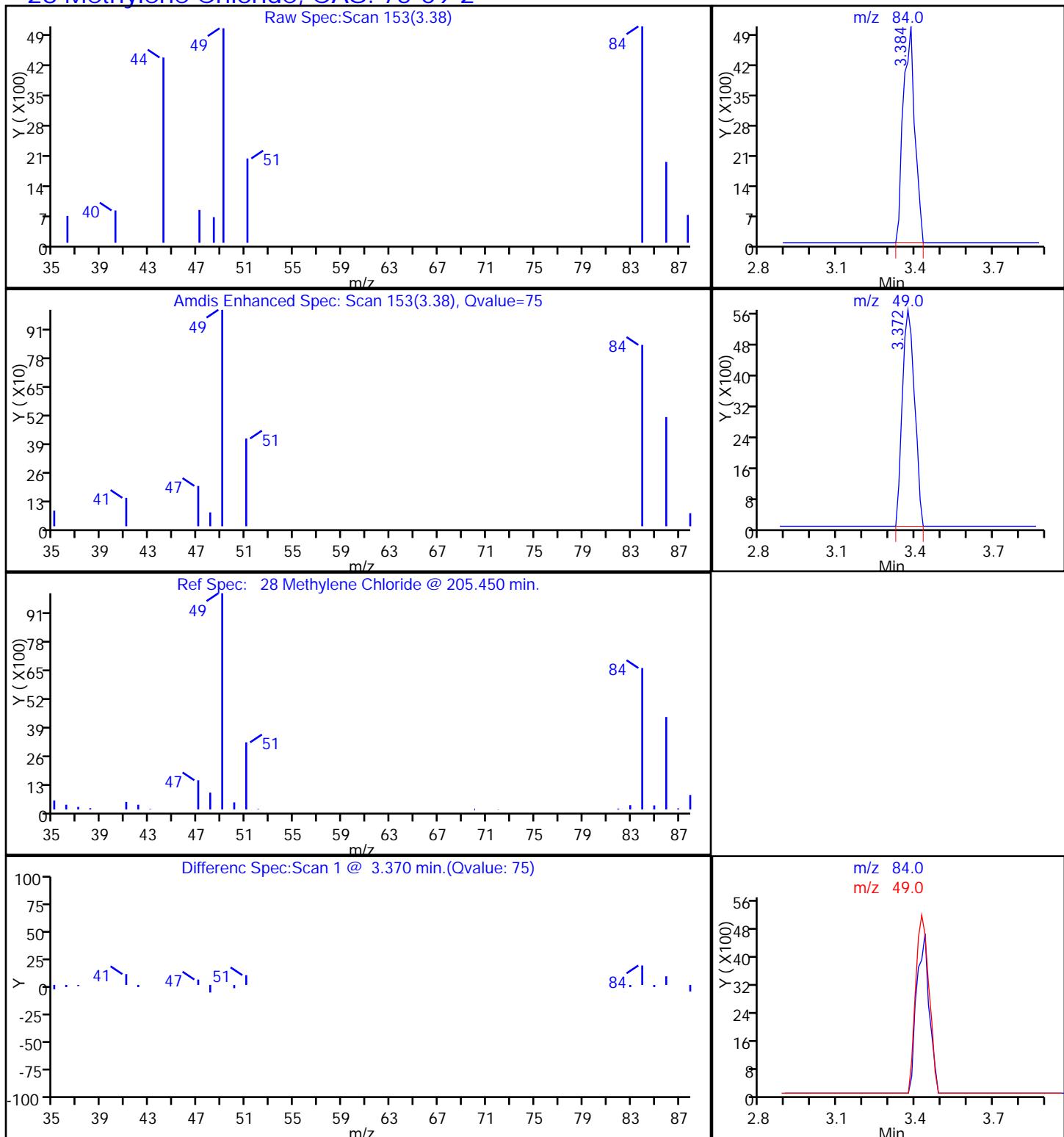
TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8339.D
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Lims ID: MB Worklist Smp#: 5
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 35
Method: 8260_11 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton
 Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8339.D
 Injection Date: 14-May-2014 23:25:30 Instrument ID: A3UX11
 Lims ID: MB
 Client ID:
 Operator ID: 43582 ALS Bottle#: 35 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_11 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

28 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130826/6
Matrix: Water Lab File ID: UXR3390.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 13:00
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.14	J	10	1.1
75-05-8	Acetonitrile	ND		20	3.5
107-02-8	Acrolein	ND		20	2.2
107-13-1	Acrylonitrile	ND		20	2.0
71-43-2	Benzene	ND		1.0	0.13
75-27-4	Bromodichloromethane	ND		1.0	0.15
75-25-2	Bromoform	ND		1.0	0.64
74-83-9	Bromomethane	ND		1.0	0.41
78-93-3	2-Butanone	ND		10	0.57
75-15-0	Carbon disulfide	ND		1.0	0.13
56-23-5	Carbon tetrachloride	ND		1.0	0.13
108-90-7	Chlorobenzene	ND		1.0	0.15
75-00-3	Chloroethane	ND		1.0	0.29
67-66-3	Chloroform	ND		1.0	0.16
74-87-3	Chloromethane	ND		1.0	0.30
126-99-8	Chloroprene	ND		2.0	0.29
107-05-1	3-Chloro-1-propene	ND		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.14
124-48-1	Dibromochloromethane	ND		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.67
74-95-3	Dibromomethane	ND		1.0	0.28
75-71-8	Dichlorodifluoromethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.15
107-06-2	1,2-Dichloroethane	ND		1.0	0.22
75-35-4	1,1-Dichloroethene	ND		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	ND		2.0	0.17
78-87-5	1,2-Dichloropropene	ND		1.0	0.18
123-91-1	1,4-Dioxane	ND		50	19
100-41-4	Ethylbenzene	ND		1.0	0.17
106-93-4	Ethylene Dibromide	ND		1.0	0.24
97-63-2	Ethyl methacrylate	ND		1.0	0.14
591-78-6	2-Hexanone	ND		10	0.41
74-88-4	Iodomethane	ND		1.0	0.18
78-83-1	Isobutanol	ND		50	8.2
126-98-7	Methacrylonitrile	ND		2.0	0.51

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-130826/6
Matrix: Water Lab File ID: UXR3390.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 13:00
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-09-2	Methylene Chloride	0.940	J	1.0	0.33
80-62-6	Methyl methacrylate	ND		2.0	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.32
107-12-0	Propionitrile	ND		4.0	1.2
100-42-5	Styrene	ND		1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.18
127-18-4	Tetrachloroethene	ND		1.0	0.29
108-88-3	Toluene	ND		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	ND		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.19
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.22
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.27
79-01-6	Trichloroethene	ND		1.0	0.17
75-69-4	Trichlorofluoromethane	ND		1.0	0.21
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.43
108-05-4	Vinyl acetate	ND		2.0	0.19
75-01-4	Vinyl chloride	ND		1.0	0.22
1330-20-7	Xylenes, Total	ND		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84		66-120
1868-53-7	Dibromofluoromethane (Surr)	93		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		63-129
2037-26-5	Toluene-d8 (Surr)	85		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3390.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 15-May-2014 13:00:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031043-006
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 15:09:46 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK035

First Level Reviewer: williamsla Date: 15-May-2014 15:08:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	99	900805	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	83	755050	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	94	397178	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	58	169518	8.91	8.28	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.490	5.491	-0.001	0	238954	8.91	9.20	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	93	782521	8.91	7.57	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	91	278570	8.91	7.51	
9 Dichlorodifluoromethane	85		1.648						
10 Chloromethane	50		1.838						
11 Vinyl chloride	62		1.957						
119 Butadiene	54		2.004						
12 Bromomethane	94		2.324						
13 Chloroethane	64		2.431						
14 Dichlorofluoromethane	67		2.633						
15 Trichlorofluoromethane	101		2.668						
16 Ethyl ether	59	2.953	2.953	0.000	59	4584		0.2129	
18 Acrolein	56		3.095						
19 1,1-Dichloroethene	96		3.178						
20 1,1,2-Trichloro-1,2,2-trif	151		3.202						
17 Methylal	45		3.237						
21 Acetone	43	3.237	3.237	0.000	72	12166		1.14	
22 Iodomethane	142		3.332						
23 Carbon disulfide	76		3.392						
24 Acetonitrile	41		3.510						
25 3-Chloro-1-propene	76		3.522						
26 Methyl acetate	43		3.546						
27 Methylene Chloride	84	3.640	3.641	-0.001	88	26373		0.9398	
28 2-Methyl-2-propanol	59		3.747						
29 Acrylonitrile	53		3.878						
30 Methyl tert-butyl ether	73		3.878						
31 trans-1,2-Dichloroethene	96		3.890						
32 Hexane	86		4.115						

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 1,1-Dichloroethane	63		4.269						
35 Isopropyl ether	87		4.305						
34 Vinyl acetate	43		4.305						
36 2-Chloro-1,3-butadiene	53		4.340						
37 Tert-butyl ethyl ether	59		4.625						
38 2,2-Dichloropropane	77		4.779						
39 cis-1,2-Dichloroethene	96		4.779						
40 2-Butanone (MEK)	43		4.791						
41 Ethyl acetate	43		4.826						
42 Propionitrile	54		4.850						
43 Methacrylonitrile	41		4.981						
44 Chlorobromomethane	128		4.992						
45 Tetrahydrofuran	42		5.028						
46 Chloroform	83		5.052						
47 1,1,1-Trichloroethane	97		5.218						
48 Cyclohexane	56		5.253						
49 1,1-Dichloropropene	75		5.348						
50 Carbon tetrachloride	117		5.360						
51 Isobutyl alcohol	41		5.431						
52 Benzene	78		5.538						
53 1,2-Dichloroethane	62		5.550						
54 Tert-amyl methyl ether	73		5.609						
55 n-Heptane	100		5.728						
56 n-Butanol	56		5.988						
57 Trichloroethene	130		6.083						
58 Ethyl acrylate	55		6.155						
59 Methylcyclohexane	83		6.249						
60 1,2-Dichloropropane	63		6.285						
61 Methyl methacrylate	41		6.356						
63 1,4-Dioxane	88		6.392						
62 Dibromomethane	93		6.392						
64 Dichlorobromomethane	83		6.522						
65 2-Nitropropane	41		6.724						
66 2-Chloroethyl vinyl ether	63		6.759						
67 cis-1,3-Dichloropropene	75		6.902						
68 4-Methyl-2-pentanone (MIBK)	43		7.032						
69 Toluene	91		7.210						
70 trans-1,3-Dichloropropene	75		7.400						
71 Ethyl methacrylate	69		7.459						
72 1,1,2-Trichloroethane	97		7.566						
73 Tetrachloroethene	164		7.708						
75 1,3-Dichloropropane	76		7.732						
76 2-Hexanone	43		7.779						
77 n-Butyl acetate	56	7.886	7.874	0.012	24	1782		0.1826	
74 Tetrahydrothiophene	60		7.933						
78 Chlorodibromomethane	129		7.945						
79 Ethylene Dibromide	107		8.052						
80 1-Chlorohexane	91		8.443						
81 Chlorobenzene	112		8.503						
82 1,1,1,2-Tetrachloroethane	131		8.574						
83 Ethylbenzene	106		8.586						
84 m-Xylene & p-Xylene	106		8.692						

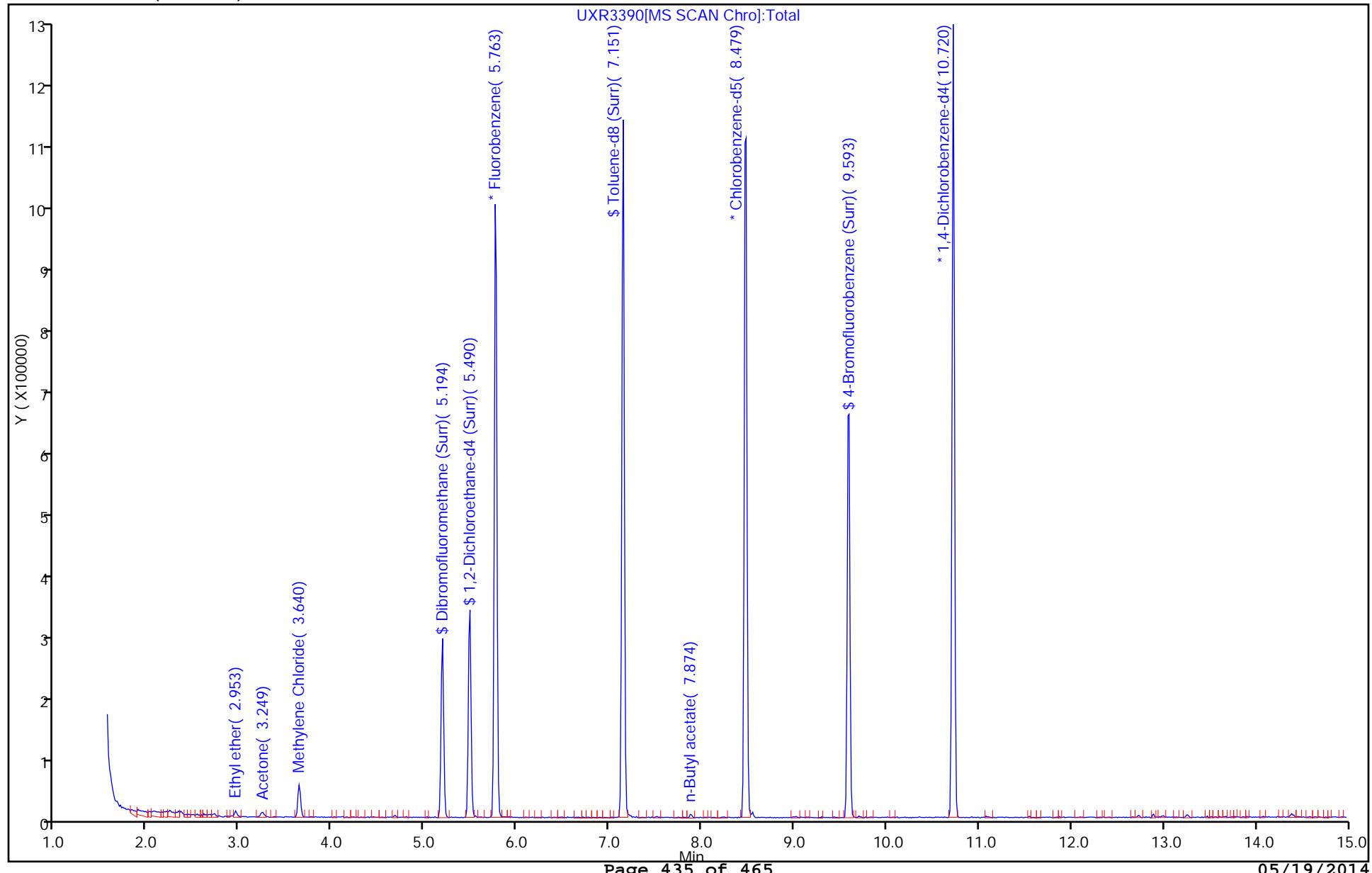
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 o-Xylene	106		9.084						
86 Styrene	104		9.096						
87 Bromoform	173		9.285						
89 Isopropylbenzene	105		9.428						
88 1,4-Dichlorobutane	55		9.534						
90 Cyclohexanone	55		9.546						
91 1,1,2,2-Tetrachloroethane	83		9.712						
92 Bromobenzene	156		9.748						
93 trans-1,4-Dichloro-2-butene	53		9.771						
94 1,2,3-Trichloropropane	110		9.771						
95 N-Propylbenzene	120		9.819						
126 3-Ethyltoluene	105		9.850						
96 2-Chlorotoluene	126		9.926						
97 1,3,5-Trimethylbenzene	105		9.997						
98 4-Chlorotoluene	126		10.032						
120 2-Ethyltoluene	105		10.140						
99 tert-Butylbenzene	119		10.317						
100 Pentachloroethane	167		10.352						
101 1,2,4-Trimethylbenzene	105		10.364						
102 sec-Butylbenzene	105		10.530						
103 1,3-Dichlorobenzene	146		10.661						
104 4-Isopropyltoluene	119		10.673						
105 1,4-Dichlorobenzene	146		10.744						
106 1,2,3-Trimethylbenzene	105		10.791						
107 Benzyl chloride	126		10.886						
108 n-Butylbenzene	91		11.076						
109 1,2-Dichlorobenzene	146		11.123						
110 1,3-Diethylbenzene TIC	1		11.200						
111 1,2-Dibromo-3-Chloropropan	157		11.906						
112 1,3,5-Trichlorobenzene	180		12.107						
113 1,2,4-Trichlorobenzene	180		12.724						
114 Hexachlorobutadiene	225		12.890						
115 Naphthalene	128		12.997						
116 1,2,3-Trichlorobenzene	180		13.258						
117 2-Methylnaphthalene	142		14.396						
118 C6-C12	1		0.000						
124 Propene oxide	1		0.000						
125 Ethylene oxide	1		0.000						
122 Epichlorohydrin	1		0.000						
123 C6-C10	1		0.000						
121 Pentachloroethane TIC	1		0.000						
127 Chlorodifluoromethane TIC	1		1.900						
S 128 1,2-Dichloroethene, Total	96		1.140						
S 129 1,3-Dichloropropene, Total	75		6.760						
S 130 Xylenes, Total	106		16.530						
S 131 Trihalomethanes, Total	1		0.000						
T 132 Isobutylene TIC	1		1.900						
T 133 1,3-Butadiene TIC	1		2.100						
T 134 Butyl Methacrylate TIC	1		9.900						
T 135 Hexachloroethane TIC	1		11.200						

Report Date: 15-May-2014 15:09:47

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

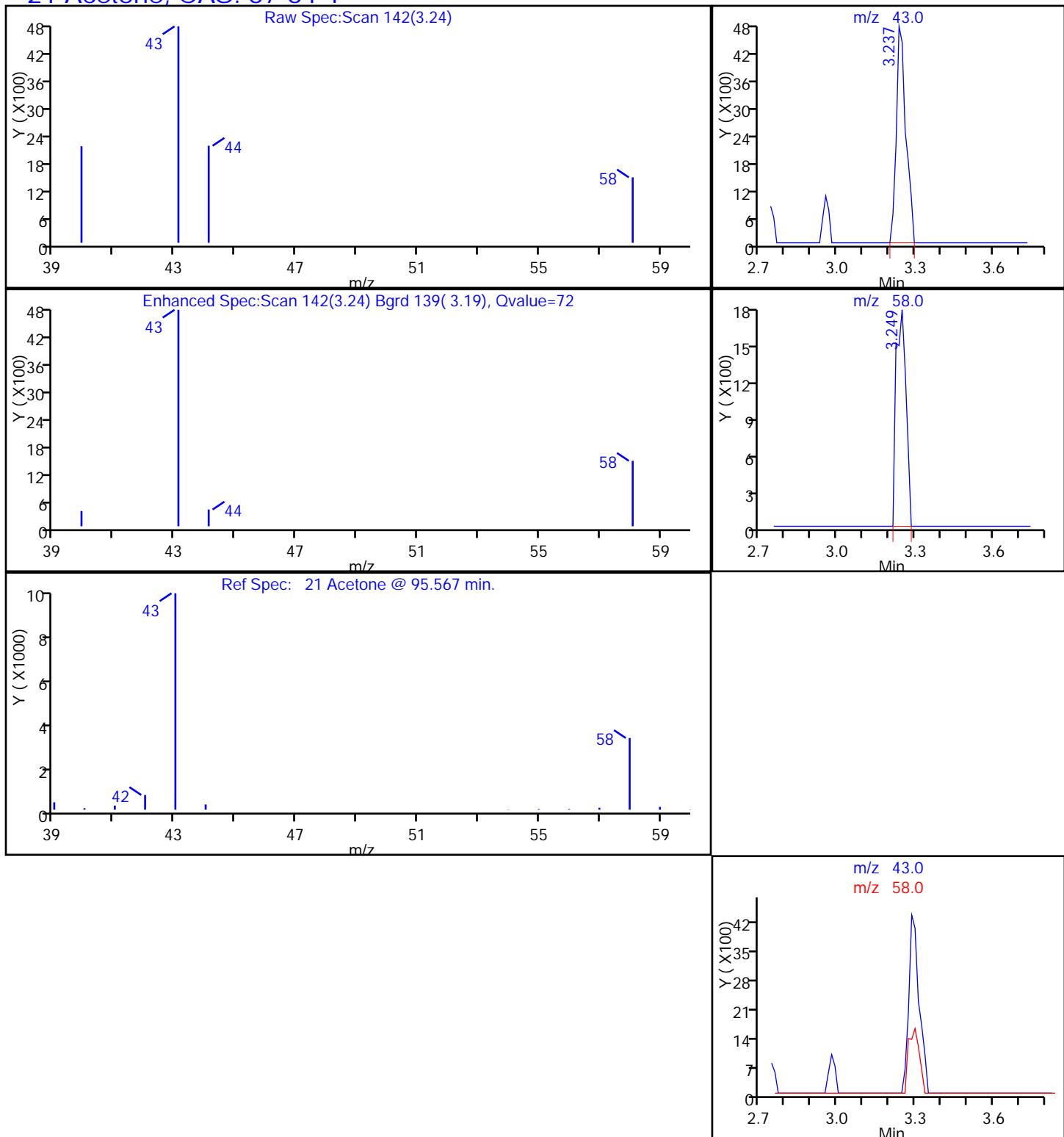
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Lims ID: MB Operator ID: 1644
Client ID:
Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5
Method: 8260_17 Limit Group: MSV 8260B ICAL
Column: DB-624 (0.18 mm)



TestAmerica Canton

Data File: WNCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3390.D
 Injection Date: 15-May-2014 13:00:30 Instrument ID: A3UX17
 Lims ID: MB
 Client ID:
 Operator ID: 1644 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

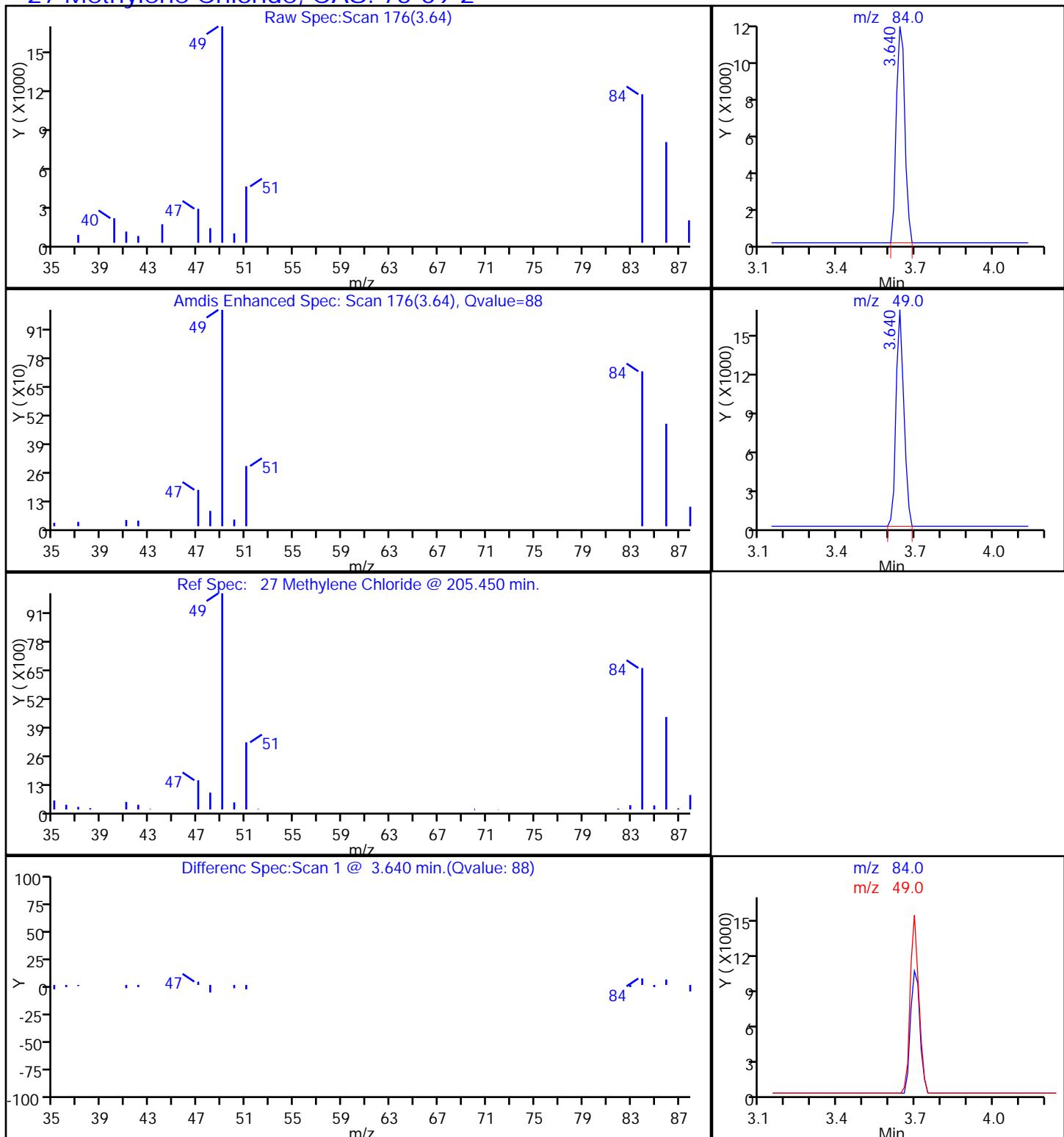
21 Acetone, CAS: 67-64-1



TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3390.D
 Injection Date: 15-May-2014 13:00:30 Instrument ID: A3UX17
 Lims ID: MB
 Client ID:
 Operator ID: 1644 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260_17 Limit Group: MSV 8260B ICAL
 Column: DB-624 (0.18 mm) Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130294/4
Matrix: Water Lab File ID: UXJ8249.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/12/2014 23:32
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	18.8		10	1.1
107-02-8	Acrolein	50.2		20	2.2
107-13-1	Acrylonitrile	94.5		20	2.0
71-43-2	Benzene	9.79		1.0	0.13
75-27-4	Bromodichloromethane	9.82		1.0	0.15
75-25-2	Bromoform	8.93		1.0	0.64
74-83-9	Bromomethane	9.22		1.0	0.41
78-93-3	2-Butanone	17.7		10	0.57
75-15-0	Carbon disulfide	9.21		1.0	0.13
56-23-5	Carbon tetrachloride	10.2		1.0	0.13
108-90-7	Chlorobenzene	9.42		1.0	0.15
75-00-3	Chloroethane	9.20		1.0	0.29
67-66-3	Chloroform	9.69		1.0	0.16
74-87-3	Chloromethane	8.63		1.0	0.30
107-05-1	3-Chloro-1-propene	9.31		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.61		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	9.42		1.0	0.14
124-48-1	Dibromochloromethane	9.84		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	9.65		2.0	0.67
74-95-3	Dibromomethane	9.60		1.0	0.28
75-71-8	Dichlorodifluoromethane	6.18		1.0	0.31
75-34-3	1,1-Dichloroethane	10.0		1.0	0.15
107-06-2	1,2-Dichloroethane	9.54		1.0	0.22
75-35-4	1,1-Dichloroethene	9.10		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	19.6		2.0	0.17
78-87-5	1,2-Dichloropropane	9.87		1.0	0.18
123-91-1	1,4-Dioxane	101		50	19
100-41-4	Ethylbenzene	9.20		1.0	0.17
106-93-4	Ethylene Dibromide	9.59		1.0	0.24
97-63-2	Ethyl methacrylate	9.22		1.0	0.14
591-78-6	2-Hexanone	18.9		10	0.41
74-88-4	Iodomethane	9.85		1.0	0.18
78-83-1	Isobutanol	238		50	8.2
75-09-2	Methylene Chloride	9.42		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	18.7		10	0.32
100-42-5	Styrene	9.17		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130294/4
Matrix: Water Lab File ID: UXJ8249.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/12/2014 23:32
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130294 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	9.63		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	8.89		1.0	0.18
127-18-4	Tetrachloroethene	9.53		1.0	0.29
108-88-3	Toluene	9.69		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	8.13		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	9.97		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	10.4		1.0	0.19
71-55-6	1,1,1-Trichloroethane	9.98		1.0	0.22
79-00-5	1,1,2-Trichloroethane	9.08		1.0	0.27
79-01-6	Trichloroethene	9.75		1.0	0.17
75-69-4	Trichlorofluoromethane	8.49		1.0	0.21
96-18-4	1,2,3-Trichloropropane	9.75		1.0	0.43
108-05-4	Vinyl acetate	9.34		2.0	0.19
75-01-4	Vinyl chloride	8.62		1.0	0.22
1330-20-7	Xylenes, Total	19.2		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surrogate)	95		66-120
1868-53-7	Dibromofluoromethane (Surrogate)	83		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surrogate)	80		63-129
2037-26-5	Toluene-d8 (Surrogate)	86		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8249.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-May-2014 23:32:30 ALS Bottle#: 34 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0030918-004
 Misc. Info.: J40512B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 13-May-2014 10:50:58 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

First Level Reviewer: evansle Date: 13-May-2014 07:52:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1322483	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.069	0.000	87	714129	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	90	268606	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.815	0.000	98	260967	8.34	6.90	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.099	0.000	88	351528	8.34	6.70	
\$ 6 Toluene-d8 (Surr)	98	6.744	6.744	0.000	94	1006599	8.34	7.16	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	87	258990	8.34	7.95	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	96	162293	10.0	6.18	
11 Chloromethane	50	1.822	1.822	0.000	100	224854	10.0	8.63	
12 Vinyl chloride	62	1.916	1.916	0.000	98	240400	10.0	8.62	
124 Butadiene	54	1.964	1.964	0.000	0	191111	10.0	7.90	
14 Bromomethane	94	2.224	2.236	-0.012	91	111144	10.0	9.22	
15 Chloroethane	64	2.319	2.319	0.000	98	138272	10.0	9.20	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	97	257433	10.0	8.56	
17 Trichlorofluoromethane	101	2.543	2.543	0.000	97	219910	10.0	8.49	
18 Ethyl ether	59	2.756	2.756	0.000	89	321728	10.0	9.70	
19 Acrolein	56	2.863	2.863	0.000	89	142847	50.0	50.2	
22 Acetone	43	2.993	2.993	0.000	63	198718	20.0	18.8	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	98	249312	10.0	9.10	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	65	122503	10.0	8.16	
24 Iodomethane	142	3.135	3.135	0.000	98	326192	10.0	9.85	
25 Carbon disulfide	76	3.194	3.182	0.012	99	587379	10.0	9.21	
29 Methyl acetate	43	3.265	3.265	0.000	96	1102932	50.0	43.2	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	85	245802	10.0	9.31	
28 Methylene Chloride	84	3.372	3.360	0.012	86	315450	10.0	9.42	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	94	186721	100.0	87.2	
31 Acrylonitrile	53	3.549	3.549	0.000	97	1151134	100.0	94.5	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	85	1100572	10.0	9.72	
33 trans-1,2-Dichloroethene	96	3.597	3.597	0.000	66	429299	10.0	9.97	
34 Hexane	86	3.833	3.821	0.012	92	66386	10.0	7.38	
35 1,1-Dichloroethane	63	3.940	3.940	0.000	97	779595	10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.963	3.963	0.000	98	466930	8.00	9.34	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	83	444158	10.0	9.61	
45 2-Butanone (MEK)	43	4.425	4.425	0.000	55	257149	20.0	17.7	
41 2,2-Dichloropropane	77	4.425	4.425	0.000	70	316381	10.0	8.94	
44 Chlorobromomethane	128	4.626	4.626	0.000	96	209818	10.0	9.61	
47 Chloroform	83	4.673	4.673	0.000	95	731691	10.0	9.69	
46 Tetrahydrofuran	42	4.673	4.673	0.000	88	159992	20.0	17.3	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	472638	10.0	9.98	
50 Cyclohexane	56	4.910	4.910	0.000	89	407651	10.0	8.54	
51 1,1-Dichloropropene	75	4.981	4.981	0.000	94	563455	10.0	10.0	
52 Carbon tetrachloride	117	4.993	4.993	0.000	85	389890	10.0	10.2	
53 Isobutyl alcohol	41	5.028	5.028	0.000	87	167837	250.0	237.9	
54 Benzene	78	5.159	5.159	0.000	95	1733892	10.0	9.79	
55 1,2-Dichloroethane	62	5.159	5.159	0.000	55	599060	10.0	9.54	
57 n-Heptane	100	5.360	5.372	-0.012	86	59390	10.0	7.07	
59 Trichloroethene	130	5.703	5.703	0.000	98	420756	10.0	9.75	
61 Methylcyclohexane	83	5.880	5.880	0.000	91	382731	10.0	7.83	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	93	417075	10.0	9.87	
63 Dibromomethane	93	5.987	5.987	0.000	91	216671	10.0	9.60	
64 1,4-Dioxane	88	5.999	5.987	0.012	19	29740	200.0	101.1	
66 Dichlorobromomethane	83	6.105	6.105	0.000	97	490736	10.0	9.82	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	93	227367	12.0	10.7	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	90	539163	10.0	9.42	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	95	460781	20.0	18.7	
71 Toluene	91	6.815	6.815	0.000	92	1583742	10.0	9.69	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	95	481903	10.0	10.4	
73 Ethyl methacrylate	69	7.052	7.052	0.000	88	352976	10.0	9.22	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	94	287105	10.0	9.08	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	92	525012	10.0	9.54	
75 Tetrachloroethene	164	7.312	7.312	0.000	76	256794	10.0	9.53	
77 2-Hexanone	43	7.371	7.371	0.000	97	284552	20.0	18.9	
78 Chlorodibromomethane	129	7.525	7.525	0.000	86	275861	10.0	9.84	
81 Ethylene Dibromide	107	7.643	7.643	0.000	97	266083	10.0	9.59	
82 Chlorobenzene	112	8.093	8.093	0.000	94	852231	10.0	9.42	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	92	277626	10.0	9.63	
85 Ethylbenzene	106	8.188	8.188	0.000	98	430614	10.0	9.20	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	96	535723	10.0	9.50	
87 Styrene	104	8.685	8.685	0.000	88	786562	10.0	9.17	
88 o-Xylene	106	8.673	8.685	-0.012	91	485967	10.0	9.67	
89 Bromoform	173	8.874	8.874	0.000	94	105795	10.0	8.93	
90 Isopropylbenzene	105	9.028	9.028	0.000	95	1065725	10.0	9.21	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	95	218145	10.0	8.89	
94 Bromobenzene	156	9.336	9.336	0.000	93	263788	10.0	9.21	
97 trans-1,4-Dichloro-2-butene	53	9.359	9.347	0.012	64	56897	10.0	8.13	
95 1,2,3-Trichloropropane	110	9.347	9.347	0.000	77	83354	10.0	9.75	
96 N-Propylbenzene	120	9.430	9.430	0.000	98	251821	10.0	9.02	
98 2-Chlorotoluene	126	9.525	9.525	0.000	96	224939	10.0	9.30	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	93	717823	10.0	9.12	
100 4-Chlorotoluene	126	9.620	9.620	0.000	98	245191	10.0	9.42	
101 tert-Butylbenzene	119	9.915	9.915	0.000	81	550800	10.0	8.48	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	97	715130	10.0	8.89	
106 sec-Butylbenzene	105	10.140	10.140	0.000	94	744933	10.0	8.40	

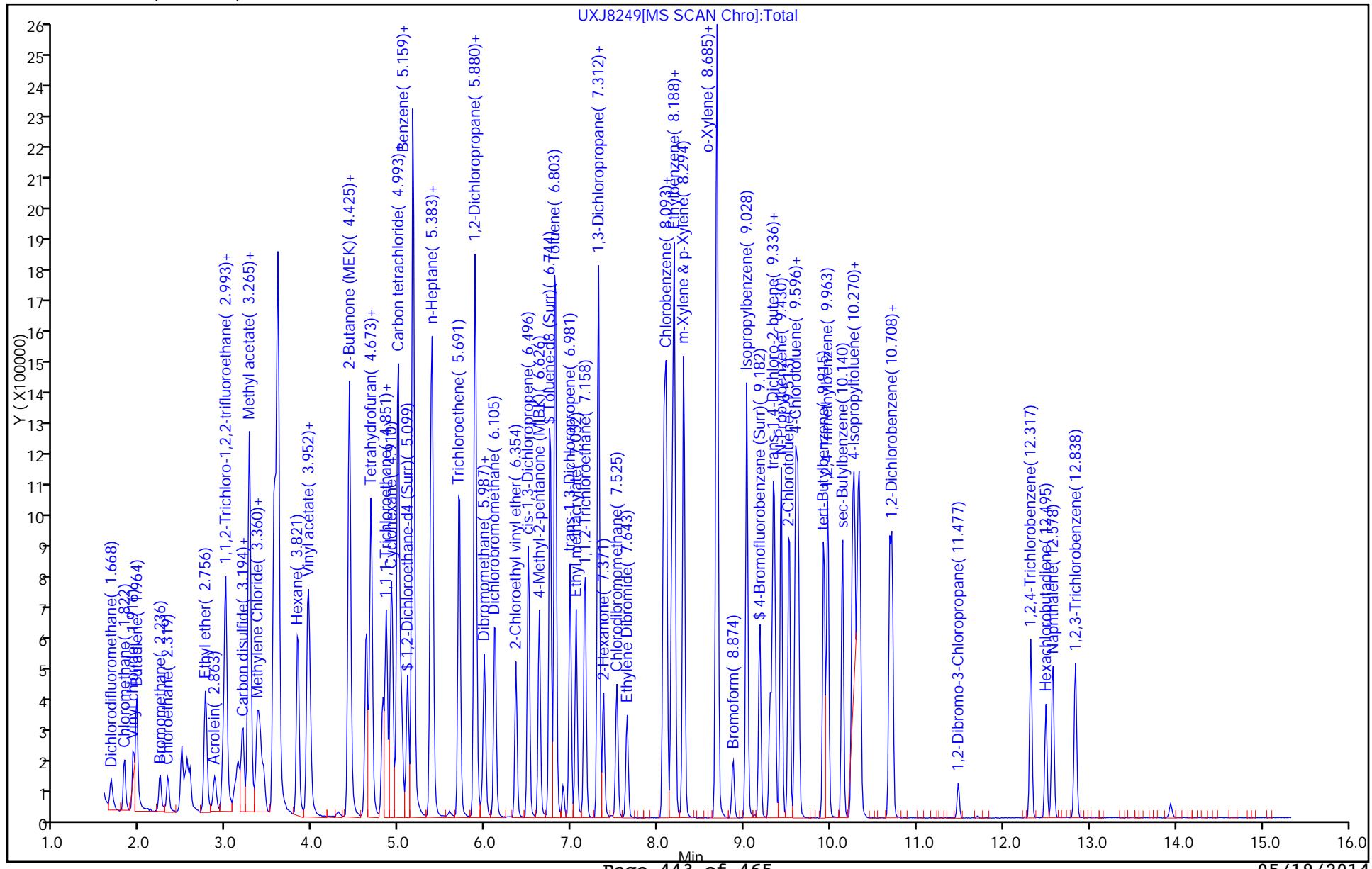
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.259	10.259	0.000	88	429236	10.0	9.16	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	90	627799	10.0	8.54	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	93	462942	10.0	9.35	
111 n-Butylbenzene	91	10.685	10.685	0.001	94	496234	10.0	8.15	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	437925	10.0	9.38	
113 1,2-Dibromo-3-Chloropropan	157	11.477	11.477	0.000	63	35762	10.0	9.65	
115 1,2,4-Trichlorobenzene	180	12.317	12.317	0.000	92	210179	10.0	8.18	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	93	76581	10.0	7.18	
117 Naphthalene	128	12.578	12.578	0.000	97	523686	10.0	8.13	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	198944	10.0	8.31	
S 132 Xylenes, Total	106				0		20.0	19.2	
S 133 Trihalomethanes, Total	1				0		40.0	38.3	

Report Date: 13-May-2014 10:50:59

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20140512-30918.b\UXJ8249.D
 Injection Date: 12-May-2014 23:32:30 Instrument ID: A3UX11
 Lims ID: LCS Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 4
 Method: 8260_11
 Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130687/4
Matrix: Water Lab File ID: UXJ8337.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 22:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	16.4		10	1.1
107-02-8	Acrolein	43.3		20	2.2
107-13-1	Acrylonitrile	92.8		20	2.0
71-43-2	Benzene	9.20		1.0	0.13
75-27-4	Bromodichloromethane	9.13		1.0	0.15
75-25-2	Bromoform	8.60		1.0	0.64
74-83-9	Bromomethane	8.18		1.0	0.41
78-93-3	2-Butanone	18.0		10	0.57
75-15-0	Carbon disulfide	8.20		1.0	0.13
56-23-5	Carbon tetrachloride	10.6		1.0	0.13
108-90-7	Chlorobenzene	8.95		1.0	0.15
75-00-3	Chloroethane	8.73		1.0	0.29
67-66-3	Chloroform	9.26		1.0	0.16
74-87-3	Chloromethane	9.11		1.0	0.30
107-05-1	3-Chloro-1-propene	9.24		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.20		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	8.88		1.0	0.14
124-48-1	Dibromochloromethane	9.44		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	9.11		2.0	0.67
74-95-3	Dibromomethane	9.30		1.0	0.28
75-71-8	Dichlorodifluoromethane	7.33		1.0	0.31
75-34-3	1,1-Dichloroethane	9.52		1.0	0.15
107-06-2	1,2-Dichloroethane	8.98		1.0	0.22
75-35-4	1,1-Dichloroethene	8.88		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	18.6		2.0	0.17
78-87-5	1,2-Dichloropropane	9.52		1.0	0.18
123-91-1	1,4-Dioxane	99.6		50	19
100-41-4	Ethylbenzene	8.99		1.0	0.17
106-93-4	Ethylene Dibromide	9.20		1.0	0.24
97-63-2	Ethyl methacrylate	9.26		1.0	0.14
591-78-6	2-Hexanone	17.6		10	0.41
74-88-4	Iodomethane	8.84		1.0	0.18
78-83-1	Isobutanol	224		50	8.2
75-09-2	Methylene Chloride	9.86		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	17.7		10	0.32
100-42-5	Styrene	8.55		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130687/4
Matrix: Water Lab File ID: UXJ8337.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/14/2014 22:38
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130687 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	9.43		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	8.66		1.0	0.18
127-18-4	Tetrachloroethene	9.57		1.0	0.29
108-88-3	Toluene	9.50		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	8.21		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	9.39		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	10.1		1.0	0.19
71-55-6	1,1,1-Trichloroethane	10.5		1.0	0.22
79-00-5	1,1,2-Trichloroethane	9.52		1.0	0.27
79-01-6	Trichloroethene	9.15		1.0	0.17
75-69-4	Trichlorofluoromethane	11.2		1.0	0.21
96-18-4	1,2,3-Trichloropropane	8.77		1.0	0.43
108-05-4	Vinyl acetate	9.44		2.0	0.19
75-01-4	Vinyl chloride	8.57		1.0	0.22
1330-20-7	Xylenes, Total	17.8		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surrogate)	93		66-120
1868-53-7	Dibromofluoromethane (Surrogate)	83		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surrogate)	78		63-129
2037-26-5	Toluene-d8 (Surrogate)	90		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\UXJ8337.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-May-2014 22:38:30 ALS Bottle#: 33 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031011-004
 Misc. Info.: J40514B,8260LLUX11,,43582
 Operator ID: 43582 Instrument ID: A3UX11
 Method: \\Ncchrom\ChromData\A3UX11\20140514-31011.b\8260_11.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 08:55:29 Calib Date: 09-May-2014 18:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICAL File: \\Ncchrom\ChromData\A3UX11\20140509-30871.b\UXJ8184.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK014

First Level Reviewer: evansle Date: 15-May-2014 07:51:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.383	5.383	0.000	98	1397692	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.069	8.070	-0.001	85	720012	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.318	10.318	0.000	90	275980	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.815	4.816	-0.001	99	277245	8.34	6.94	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.099	5.100	-0.001	91	358470	8.34	6.47	
\$ 6 Toluene-d8 (Surr)	98	6.756	6.756	0.000	93	1065438	8.34	7.52	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.182	9.182	0.000	88	253851	8.34	7.73	
9 Dichlorodifluoromethane	85	1.668	1.668	0.000	98	203425	10.0	7.33	
11 Chloromethane	50	1.822	1.822	0.000	99	250741	10.0	9.11	
12 Vinyl chloride	62	1.928	1.928	0.000	98	252546	10.0	8.57	
124 Butadiene	54	1.964	1.964	0.000	0	218332	10.0	8.54	
14 Bromomethane	94	2.236	2.236	0.000	87	104166	10.0	8.18	
15 Chloroethane	64	2.330	2.330	0.000	98	138561	10.0	8.73	
16 Dichlorofluoromethane	67	2.484	2.484	0.000	97	325555	10.0	10.2	
17 Trichlorofluoromethane	101	2.543	2.543	0.000	97	306898	10.0	11.2	
18 Ethyl ether	59	2.756	2.756	0.000	90	329227	10.0	9.39	
19 Acrolein	56	2.863	2.875	-0.012	91	130144	50.0	43.3	
20 1,1-Dichloroethene	96	2.993	2.993	0.000	99	257255	10.0	8.88	
22 Acetone	43	2.993	2.993	0.000	91	186998	20.0	16.4	
21 1,1,2-Trichloro-1,2,2-trif	151	2.993	2.993	0.000	78	160231	10.0	10.1	
24 Iodomethane	142	3.135	3.135	0.000	96	309497	10.0	8.84	
25 Carbon disulfide	76	3.194	3.194	0.000	98	552857	10.0	8.20	
26 3-Chloro-1-propene	76	3.265	3.265	0.000	85	257818	10.0	9.24	
29 Methyl acetate	43	3.277	3.265	0.012	96	1124862	50.0	41.7	
28 Methylene Chloride	84	3.372	3.372	0.000	83	348990	10.0	9.86	
30 2-Methyl-2-propanol	59	3.431	3.431	0.000	91	189947	100.0	84.0	
31 Acrylonitrile	53	3.561	3.561	0.000	99	1194395	100.0	92.8	
32 Methyl tert-butyl ether	73	3.597	3.597	0.000	86	1116099	10.0	9.33	
33 trans-1,2-Dichloroethene	96	3.608	3.597	0.011	96	427518	10.0	9.39	
34 Hexane	86	3.833	3.833	0.000	92	100609	10.0	10.6	
35 1,1-Dichloroethane	63	3.952	3.952	0.000	97	784357	10.0	9.52	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43	3.975	3.963	0.012	98	498803	8.00	9.44	
45 2-Butanone (MEK)	43	4.425	4.425	0.000	53	277410	20.0	18.0	
40 cis-1,2-Dichloroethene	96	4.425	4.425	0.000	84	449407	10.0	9.20	
41 2,2-Dichloropropane	77	4.437	4.437	0.000	70	376076	10.0	10.0	
44 Chlorobromomethane	128	4.626	4.626	0.000	95	210704	10.0	9.13	
46 Tetrahydrofuran	42	4.673	4.673	0.000	87	162295	20.0	16.6	
47 Chloroform	83	4.685	4.673	0.012	95	739048	10.0	9.26	
49 1,1,1-Trichloroethane	97	4.851	4.851	0.000	92	527612	10.0	10.5	
50 Cyclohexane	56	4.910	4.910	0.000	89	516752	10.0	10.2	
51 1,1-Dichloropropene	75	4.993	4.993	0.000	94	572598	10.0	9.61	
52 Carbon tetrachloride	117	4.993	4.993	0.000	88	427640	10.0	10.6	
53 Isobutyl alcohol	41	5.028	5.028	0.000	93	160178	250.0	224.1	
54 Benzene	78	5.158	5.159	-0.001	95	1723427	10.0	9.20	
55 1,2-Dichloroethane	62	5.158	5.170	-0.012	54	595395	10.0	8.98	
57 n-Heptane	100	5.371	5.360	0.011	87	101059	10.0	11.4	
59 Trichloroethene	130	5.703	5.703	0.000	97	417474	10.0	9.15	
61 Methylcyclohexane	83	5.880	5.880	0.000	90	525072	10.0	10.2	
62 1,2-Dichloropropane	63	5.892	5.892	0.000	93	425438	10.0	9.52	
63 Dibromomethane	93	5.987	5.987	0.000	92	221762	10.0	9.30	
64 1,4-Dioxane	88	5.999	5.999	0.000	20	30891	200.0	99.6	
66 Dichlorobromomethane	83	6.117	6.117	0.000	99	482351	10.0	9.13	
67 2-Chloroethyl vinyl ether	63	6.354	6.354	0.000	94	226650	12.0	10.1	
69 cis-1,3-Dichloropropene	75	6.496	6.496	0.000	89	537101	10.0	8.88	
70 4-Methyl-2-pentanone (MIBK)	43	6.626	6.626	0.000	97	461719	20.0	17.7	
71 Toluene	91	6.815	6.815	0.000	92	1565056	10.0	9.50	
72 trans-1,3-Dichloropropene	75	6.981	6.981	0.000	96	470766	10.0	10.1	
73 Ethyl methacrylate	69	7.052	7.052	0.000	87	357140	10.0	9.26	
74 1,1,2-Trichloroethane	97	7.158	7.158	0.000	93	303392	10.0	9.52	
76 1,3-Dichloropropane	76	7.312	7.312	0.000	91	519018	10.0	9.35	
75 Tetrachloroethene	164	7.312	7.312	0.000	77	259879	10.0	9.57	
77 2-Hexanone	43	7.371	7.371	0.000	97	266232	20.0	17.6	
78 Chlorodibromomethane	129	7.525	7.525	0.000	89	267043	10.0	9.44	
81 Ethylene Dibromide	107	7.643	7.643	0.000	99	257375	10.0	9.20	
82 Chlorobenzene	112	8.093	8.093	0.000	93	816903	10.0	8.95	
84 1,1,1,2-Tetrachloroethane	131	8.164	8.164	0.000	90	273968	10.0	9.43	
85 Ethylbenzene	106	8.188	8.188	0.000	98	424302	10.0	8.99	
86 m-Xylene & p-Xylene	106	8.294	8.294	0.000	97	492612	10.0	8.66	
88 o-Xylene	106	8.685	8.685	0.000	89	464751	10.0	9.18	
87 Styrene	104	8.685	8.685	0.000	90	739232	10.0	8.55	
89 Bromoform	173	8.874	8.874	0.000	96	102728	10.0	8.60	
90 Isopropylbenzene	105	9.028	9.028	0.000	96	992104	10.0	8.51	
93 1,1,2,2-Tetrachloroethane	83	9.300	9.300	0.000	95	218458	10.0	8.66	
94 Bromobenzene	156	9.336	9.336	0.000	94	246102	10.0	8.36	
95 1,2,3-Trichloropropane	110	9.347	9.347	0.000	73	77004	10.0	8.77	
97 trans-1,4-Dichloro-2-butene	53	9.359	9.359	0.000	57	59035	10.0	8.21	
98 2-Chlorotoluene	126	9.525	9.525	0.000	95	212712	10.0	8.56	
99 1,3,5-Trimethylbenzene	105	9.596	9.596	0.000	94	673014	10.0	8.32	
100 4-Chlorotoluene	126	9.620	9.620	0.000	99	228827	10.0	8.55	
101 tert-Butylbenzene	119	9.915	9.927	-0.012	81	520808	10.0	7.80	
102 1,2,4-Trimethylbenzene	105	9.963	9.963	0.000	91	690832	10.0	8.36	
106 sec-Butylbenzene	105	10.140	10.140	0.000	93	719300	10.0	7.89	

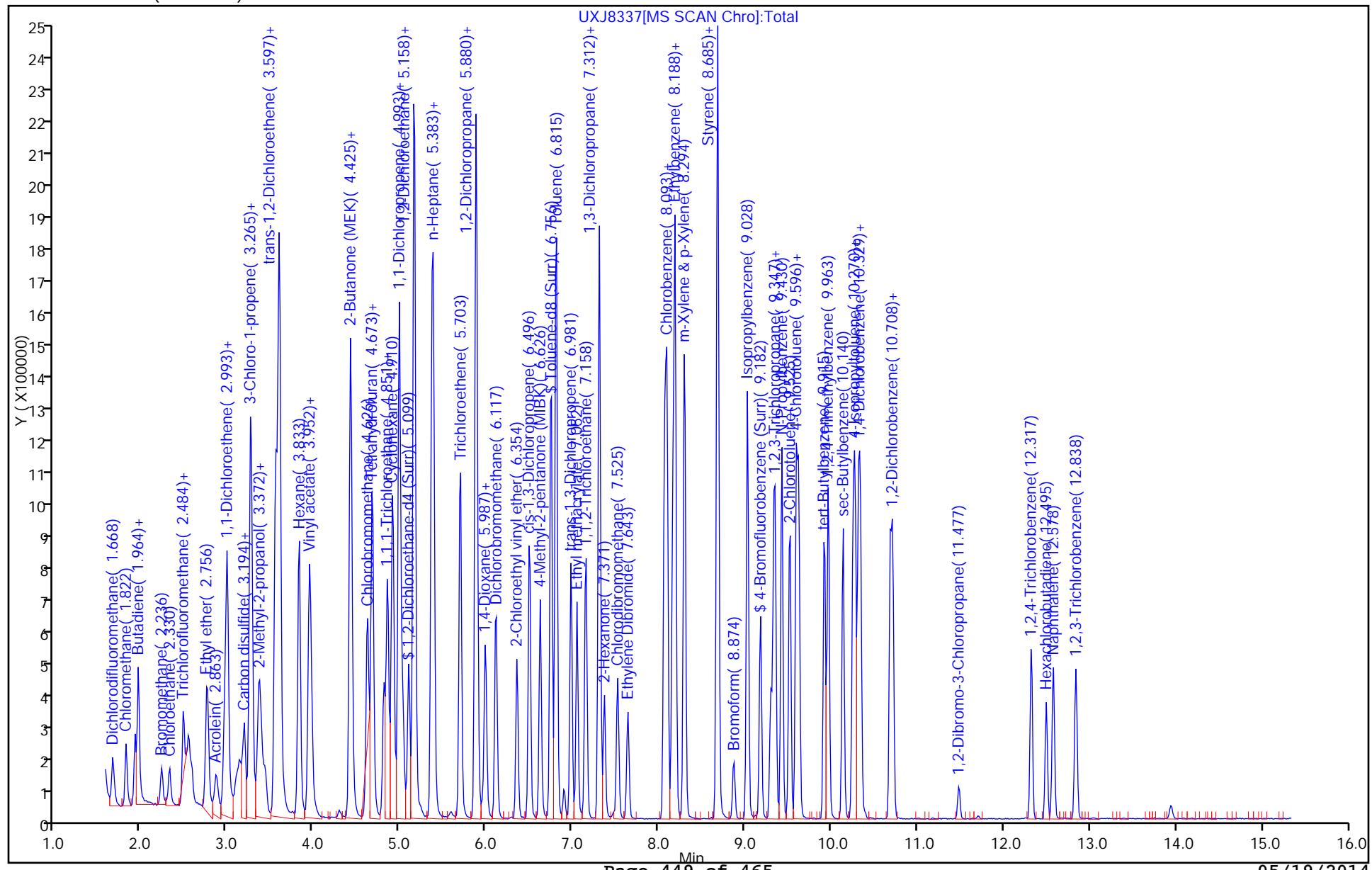
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
104 1,3-Dichlorobenzene	146	10.258	10.259	-0.001	87	415280	10.0	8.63	
105 4-Isopropyltoluene	119	10.282	10.282	0.000	96	614101	10.0	8.13	
107 1,4-Dichlorobenzene	146	10.341	10.341	0.000	92	452515	10.0	8.89	
111 n-Butylbenzene	91	10.684	10.685	-0.001	95	492912	10.0	7.88	
112 1,2-Dichlorobenzene	146	10.708	10.708	0.000	95	440637	10.0	9.19	
113 1,2-Dibromo-3-Chloropropan	157	11.489	11.477	0.012	69	34669	10.0	9.11	
115 1,2,4-Trichlorobenzene	180	12.317	12.317	0.000	94	196936	10.0	7.46	
116 Hexachlorobutadiene	225	12.495	12.495	0.000	94	79304	10.0	7.23	
117 Naphthalene	128	12.578	12.578	0.000	97	483700	10.0	7.31	
118 1,2,3-Trichlorobenzene	180	12.838	12.838	0.000	94	182713	10.0	7.43	
S 132 Xylenes, Total	106				0		20.0	17.8	
S 133 Trihalomethanes, Total	1				0		40.0	36.4	

Report Date: 15-May-2014 08:55:30

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \WNcchrom\ChromData\A3UX11\20140514-31011.b\UXJ8337.D
 Injection Date: 14-May-2014 22:38:30 Instrument ID: A3UX11
 Lims ID: LCS Operator ID: 43582
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 4
 Method: 8260_11
 Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130826/4
Matrix: Water Lab File ID: UXR3388.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 12:15
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	24.5		10	1.1
107-02-8	Acrolein	31.8		20	2.2
107-13-1	Acrylonitrile	114		20	2.0
71-43-2	Benzene	9.60		1.0	0.13
75-27-4	Bromodichloromethane	10.3		1.0	0.15
75-25-2	Bromoform	10.9		1.0	0.64
74-83-9	Bromomethane	5.82		1.0	0.41
78-93-3	2-Butanone	24.9		10	0.57
75-15-0	Carbon disulfide	8.51		1.0	0.13
56-23-5	Carbon tetrachloride	10.4		1.0	0.13
108-90-7	Chlorobenzene	10.0		1.0	0.15
75-00-3	Chloroethane	4.53		1.0	0.29
67-66-3	Chloroform	9.93		1.0	0.16
74-87-3	Chloromethane	8.60		1.0	0.30
107-05-1	3-Chloro-1-propene	9.17		2.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.57		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	11.0		1.0	0.14
124-48-1	Dibromochloromethane	10.6		1.0	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	10.7		2.0	0.67
74-95-3	Dibromomethane	10.3		1.0	0.28
75-71-8	Dichlorodifluoromethane	7.28		1.0	0.31
75-34-3	1,1-Dichloroethane	10.1		1.0	0.15
107-06-2	1,2-Dichloroethane	10.2		1.0	0.22
75-35-4	1,1-Dichloroethene	9.07		1.0	0.19
540-59-0	1,2-Dichloroethene, Total	19.2		2.0	0.17
78-87-5	1,2-Dichloropropane	10.6		1.0	0.18
123-91-1	1,4-Dioxane	209		50	19
100-41-4	Ethylbenzene	10.4		1.0	0.17
106-93-4	Ethylene Dibromide	11.0		1.0	0.24
97-63-2	Ethyl methacrylate	10.8		1.0	0.14
591-78-6	2-Hexanone	24.1		10	0.41
74-88-4	Iodomethane	8.65		1.0	0.18
78-83-1	Isobutanol	272		50	8.2
75-09-2	Methylene Chloride	9.93		1.0	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	24.6		10	0.32
100-42-5	Styrene	10.2		1.0	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-130826/4
Matrix: Water Lab File ID: UXR3388.D
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 05/15/2014 12:15
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 130826 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	10.5		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	11.1		1.0	0.18
127-18-4	Tetrachloroethene	10.6		1.0	0.29
108-88-3	Toluene	10.4		1.0	0.13
110-57-6	trans-1,4-Dichloro-2-butene	9.73		1.0	0.15
156-60-5	trans-1,2-Dichloroethene	9.60		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	11.1		1.0	0.19
71-55-6	1,1,1-Trichloroethane	9.71		1.0	0.22
79-00-5	1,1,2-Trichloroethane	10.7		1.0	0.27
79-01-6	Trichloroethene	10.1		1.0	0.17
75-69-4	Trichlorofluoromethane	7.76		1.0	0.21
96-18-4	1,2,3-Trichloropropane	10.9		1.0	0.43
108-05-4	Vinyl acetate	13.9		2.0	0.19
75-01-4	Vinyl chloride	8.83		1.0	0.22
1330-20-7	Xylenes, Total	20.9		2.0	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surrogate)	95		66-120
1868-53-7	Dibromofluoromethane (Surrogate)	91		75-121
17060-07-0	1,2-Dichloroethane-d4 (Surrogate)	91		63-129
2037-26-5	Toluene-d8 (Surrogate)	95		74-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3388.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 15-May-2014 12:15:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0031043-004
 Operator ID: 1644 Instrument ID: A3UX17
 Method: \\NCCHROM\ChromData\A3UX17\20140515-31043.b\8260_17.m
 Limit Group: MSV 8260B ICAL
 Last Update: 15-May-2014 15:09:46 Calib Date: 28-Mar-2014 00:34:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\NCCHROM\ChromData\A3UX17\20140327-29428.b\UXR1968.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.763	5.763	0.000	98	1007704	10.0	10.0	
* 2 Chlorobenzene-d5	117	8.479	8.479	0.000	82	780851	10.0	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.720	10.720	0.000	72	455606	10.0	10.0	
\$ 4 Dibromofluoromethane (Surr)	113	5.194	5.194	0.000	58	185791	8.91	8.12	
\$ 5 1,2-Dichloroethane-d4 (Sur)	65	5.490	5.491	-0.001	0	234670	8.91	8.08	
\$ 6 Toluene-d8 (Surr)	98	7.151	7.151	0.000	92	905765	8.91	8.47	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.582	9.582	0.000	93	325775	8.91	8.49	
9 Dichlorodifluoromethane	85	1.648	1.648	0.000	85	248352	10.0	7.28	
10 Chloromethane	50	1.826	1.838	-0.012	89	347038	10.0	8.60	
11 Vinyl chloride	62	1.957	1.957	0.000	84	338615	10.0	8.83	
119 Butadiene	54	1.992	2.004	-0.012	0	319538	10.0	8.77	
12 Bromomethane	94	2.312	2.324	-0.012	89	85606	10.0	5.82	
13 Chloroethane	64	2.419	2.431	-0.012	92	82427	10.0	4.53	
14 Dichlorofluoromethane	67	2.633	2.633	0.000	81	306147	10.0	7.75	
15 Trichlorofluoromethane	101	2.668	2.668	0.000	86	270445	10.0	7.76	
16 Ethyl ether	59	2.953	2.953	0.000	91	242306	10.0	10.1	
18 Acrolein	56	3.095	3.095	0.000	94	109001	50.0	31.8	
19 1,1-Dichloroethene	96	3.178	3.178	0.000	89	224936	10.0	9.07	
20 1,1,2-Trichloro-1,2,2-trif	151	3.202	3.202	0.000	84	181877	10.0	9.06	
21 Acetone	43	3.237	3.237	0.000	95	163203	20.0	24.5	
22 Iodomethane	142	3.332	3.332	0.000	97	331287	10.0	8.65	
23 Carbon disulfide	76	3.392	3.392	0.000	99	610147	10.0	8.51	
25 3-Chloro-1-propene	76	3.522	3.522	0.000	92	133300	10.0	9.17	
26 Methyl acetate	43	3.546	3.546	0.000	98	977018	50.0	55.3	
27 Methylene Chloride	84	3.641	3.641	0.000	88	311718	10.0	9.93	
28 2-Methyl-2-propanol	59	3.735	3.747	-0.012	92	171920	100.0	114.4	
29 Acrylonitrile	53	3.878	3.878	0.000	99	1066829	100.0	113.8	
30 Methyl tert-butyl ether	73	3.878	3.878	0.000	89	694820	10.0	10.6	
31 trans-1,2-Dichloroethene	96	3.890	3.890	0.000	95	277072	10.0	9.60	
32 Hexane	86	4.115	4.115	0.000	92	68216	10.0	9.46	
33 1,1-Dichloroethane	63	4.269	4.269	0.000	85	509426	10.0	10.1	
34 Vinyl acetate	43	4.305	4.305	0.000	97	389231	8.00	13.9	
38 2,2-Dichloropropane	77	4.779	4.779	0.000	55	220783	10.0	8.57	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 cis-1,2-Dichloroethene	96	4.779	4.779	0.000	70	299029	10.0	9.57	
40 2-Butanone (MEK)	43	4.791	4.791	0.000	94	245049	20.0	24.9	
44 Chlorobromomethane	128	4.992	4.992	0.000	94	133945	10.0	9.68	
45 Tetrahydrofuran	42	5.028	5.028	0.000	84	149803	20.0	24.2	
46 Chloroform	83	5.052	5.052	0.000	69	457819	10.0	9.93	
47 1,1,1-Trichloroethane	97	5.206	5.218	-0.012	90	325337	10.0	9.71	
48 Cyclohexane	56	5.253	5.253	0.000	89	503440	10.0	9.91	
49 1,1-Dichloropropene	75	5.348	5.348	0.000	96	383643	10.0	10.4	
50 Carbon tetrachloride	117	5.348	5.360	-0.012	74	298731	10.0	10.4	
51 Isobutyl alcohol	41	5.431	5.431	0.000	93	178286	250.0	271.6	
52 Benzene	78	5.538	5.538	0.000	95	1204851	10.0	9.60	
53 1,2-Dichloroethane	62	5.550	5.550	0.000	93	354042	10.0	10.2	
55 n-Heptane	100	5.728	5.728	0.000	90	68137	10.0	10.1	
57 Trichloroethene	130	6.083	6.083	0.000	93	299574	10.0	10.1	
59 Methylcyclohexane	83	6.249	6.249	0.000	86	457675	10.0	9.76	
60 1,2-Dichloropropane	63	6.285	6.285	0.000	95	304715	10.0	10.6	
63 1,4-Dioxane	88	6.392	6.392	0.000	33	50809	200.0	209.1	
62 Dibromomethane	93	6.392	6.392	0.000	89	149977	10.0	10.3	
64 Dichlorobromomethane	83	6.522	6.522	0.000	93	310877	10.0	10.3	
66 2-Chloroethyl vinyl ether	63	6.759	6.759	0.000	91	194805	12.0	13.5	
67 cis-1,3-Dichloropropene	75	6.902	6.902	0.000	91	390365	10.0	11.0	
68 4-Methyl-2-pentanone (MIBK)	43	7.032	7.032	0.000	96	466820	20.0	24.6	
69 Toluene	91	7.210	7.210	0.000	98	1343556	10.0	10.4	
70 trans-1,3-Dichloropropene	75	7.400	7.400	0.000	88	340875	10.0	11.1	
71 Ethyl methacrylate	69	7.459	7.459	0.000	86	341980	10.0	10.8	
72 1,1,2-Trichloroethane	97	7.566	7.566	0.000	85	252639	10.0	10.7	
73 Tetrachloroethene	164	7.696	7.708	-0.012	92	256304	10.0	10.6	
75 1,3-Dichloropropane	76	7.732	7.732	0.000	87	459349	10.0	10.5	
76 2-Hexanone	43	7.779	7.779	0.000	95	313157	20.0	24.1	
78 Chlorodibromomethane	129	7.945	7.945	0.000	90	207152	10.0	10.6	
79 Ethylene Dibromide	107	8.052	8.052	0.000	98	231528	10.0	11.0	
81 Chlorobenzene	112	8.503	8.503	0.000	94	818943	10.0	10.0	
82 1,1,1,2-Tetrachloroethane	131	8.574	8.574	0.000	85	244982	10.0	10.5	
83 Ethylbenzene	106	8.586	8.586	0.000	97	454735	10.0	10.4	
84 m-Xylene & p-Xylene	106	8.692	8.692	0.000	100	556280	10.0	10.4	
85 o-Xylene	106	9.084	9.084	0.000	93	541708	10.0	10.5	
86 Styrene	104	9.095	9.096	-0.001	93	871568	10.0	10.2	
87 Bromoform	173	9.285	9.285	0.000	98	119796	10.0	10.9	
89 Isopropylbenzene	105	9.428	9.428	0.000	95	1365865	10.0	10.3	
91 1,1,2,2-Tetrachloroethane	83	9.724	9.712	0.012	89	326608	10.0	11.1	
92 Bromobenzene	156	9.748	9.748	0.000	87	350632	10.0	10.1	
93 trans-1,4-Dichloro-2-butene	53	9.771	9.771	0.000	42	69284	10.0	9.73	
94 1,2,3-Trichloropropane	110	9.771	9.771	0.000	67	99514	10.0	10.9	
95 N-Propylbenzene	120	9.819	9.819	0.000	97	382090	10.0	10.3	
96 2-Chlorotoluene	126	9.926	9.926	0.000	96	322596	10.0	10.1	
97 1,3,5-Trimethylbenzene	105	9.997	9.997	0.000	73	1145268	10.0	10.4	
98 4-Chlorotoluene	126	10.032	10.032	0.000	96	351821	10.0	10.3	
99 tert-Butylbenzene	119	10.317	10.317	0.000	89	991695	10.0	10.3	
101 1,2,4-Trimethylbenzene	105	10.364	10.364	0.000	76	1168228	10.0	10.1	
102 sec-Butylbenzene	105	10.530	10.530	0.000	92	1353280	10.0	10.0	
103 1,3-Dichlorobenzene	146	10.661	10.661	0.000	98	688154	10.0	9.95	
104 4-Isopropyltoluene	119	10.673	10.673	0.000	95	1167897	10.0	10.2	

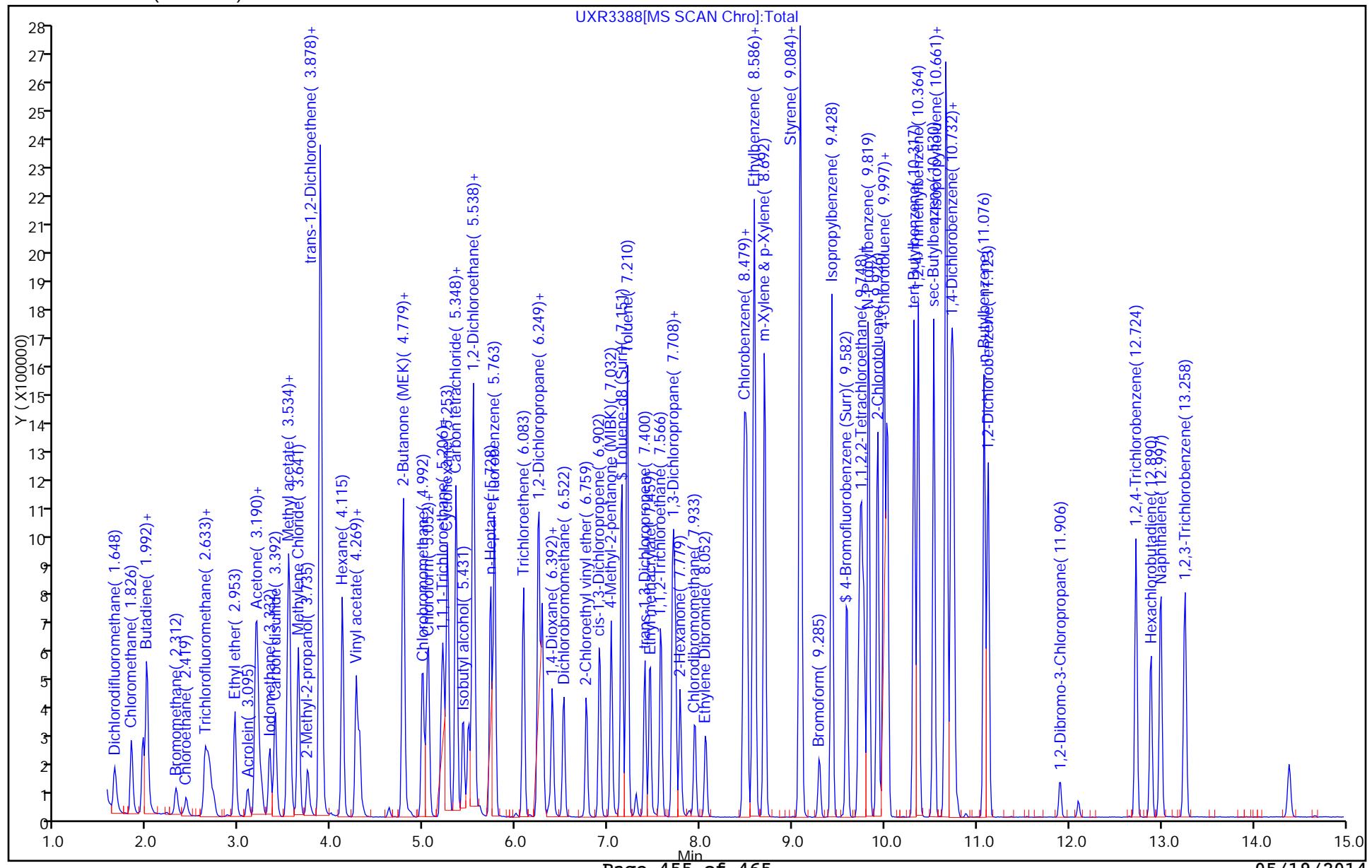
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
105 1,4-Dichlorobenzene	146	10.744	10.744	0.000	95	700221	10.0	9.87	
108 n-Butylbenzene	91	11.076	11.076	0.000	96	970583	10.0	9.84	
109 1,2-Dichlorobenzene	146	11.123	11.123	0.000	98	658483	10.0	9.98	
111 1,2-Dibromo-3-Chloropropan	157	11.906	11.906	0.000	71	46409	10.0	10.7	
113 1,2,4-Trichlorobenzene	180	12.724	12.724	0.000	91	386410	10.0	9.26	
114 Hexachlorobutadiene	225	12.890	12.890	0.000	92	154695	10.0	8.32	
115 Naphthalene	128	12.997	12.997	0.000	100	853017	10.0	10.1	
116 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	99	363507	10.0	9.09	
S 130 Xylenes, Total	106				0		20.0	20.9	
S 131 Trihalomethanes, Total	1				0		40.0	41.7	

Report Date: 15-May-2014 15:09:47

Chrom Revision: 2.2 14-Apr-2014 13:40:08

TestAmerica Canton

Data File: \NCCCHROM\ChromData\A3UX17\20140515-31043.b\UXR3388.D
 Injection Date: 15-May-2014 12:15:30 Instrument ID: A3UX17
 Lims ID: LCS Operator ID: 1644
 Client ID:
 Purge Vol: 5.000 mL Worklist Smp#: 4
 Method: 8260_17
 Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-36937-1
SDG No.: _____
Instrument ID: A3UX11 Start Date: 05/09/2014 13:06
Analysis Batch Number: 130073 End Date: 05/09/2014 19:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-130073/1		05/09/2014 13:06	1	BFB509E.D	DB-624 0.18 (mm)
STD8260 240-130073/2 IC		05/09/2014 14:22	1	UXJ8173.D	DB-624 0.18 (mm)
STD8260 240-130073/3 IC		05/09/2014 14:46	1	UXJ8174.D	DB-624 0.18 (mm)
STD8260 240-130073/4 ICIS		05/09/2014 15:09	1	UXJ8175.D	DB-624 0.18 (mm)
STD8260 240-130073/5 IC		05/09/2014 15:33	1	UXJ8176.D	DB-624 0.18 (mm)
STD8260 240-130073/6 IC		05/09/2014 15:56	1	UXJ8177.D	DB-624 0.18 (mm)
STD8260 240-130073/7 IC		05/09/2014 16:18	1	UXJ8178.D	DB-624 0.18 (mm)
STD6 240-130073/8 IC		05/09/2014 16:42	1	UXJ8179.D	DB-624 0.18 (mm)
STD5 240-130073/9 IC		05/09/2014 17:05	1	UXJ8180.D	DB-624 0.18 (mm)
STD4 240-130073/10 IC		05/09/2014 17:29	1	UXJ8181.D	DB-624 0.18 (mm)
STD3 240-130073/11 IC		05/09/2014 17:51	1	UXJ8182.D	DB-624 0.18 (mm)
STD2 240-130073/12 IC		05/09/2014 18:15	1	UXJ8183.D	DB-624 0.18 (mm)
STD1 240-130073/13 IC		05/09/2014 18:38	1	UXJ8184.D	DB-624 0.18 (mm)
ICV 240-130073/14		05/09/2014 19:00	1	UXJ8185.D	DB-624 0.18 (mm)
ICV 240-130073/15		05/09/2014 19:24	1	UXJ8186.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica CantonJob No.: 240-36937-1

SDG No.:

Instrument ID: A3UX11Start Date: 05/12/2014 22:22Analysis Batch Number: 130294End Date: 05/13/2014 08:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-130294/1		05/12/2014 22:22	1	UXJ8246.D	DB-624 0.18 (mm)
CCVIS 240-130294/2		05/12/2014 22:45	1	UXJ8247.D	DB-624 0.18 (mm)
CCV 240-130294/3		05/12/2014 23:09	1	UXJ8248.D	DB-624 0.18 (mm)
LCS 240-130294/4		05/12/2014 23:32	1	UXJ8249.D	DB-624 0.18 (mm)
MB 240-130294/5		05/13/2014 00:19	1	UXJ8251.D	DB-624 0.18 (mm)
240-36937-8	MW001AR/050614	05/13/2014 00:42	1	UXJ8252.D	DB-624 0.18 (mm)
ZZZZZ		05/13/2014 01:06	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 01:29	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 01:51	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 02:15	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 02:38	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 03:01	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 03:24	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 03:48	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 04:57	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 05:20	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 05:43	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 06:06	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 07:50	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 08:14	1		DB-624 0.18 (mm)
ZZZZZ		05/13/2014 08:37	200		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica CantonJob No.: 240-36937-1

SDG No.:

Instrument ID: A3UX11Start Date: 05/14/2014 21:06Analysis Batch Number: 130687End Date: 05/15/2014 07:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-130687/1		05/14/2014 21:06	1	UXJ8333.D	DB-624 0.18 (mm)
CCVIS 240-130687/2		05/14/2014 21:51	1	UXJ8335.D	DB-624 0.18 (mm)
CCV 240-130687/3		05/14/2014 22:15	1	UXJ8336.D	DB-624 0.18 (mm)
LCS 240-130687/4		05/14/2014 22:38	1	UXJ8337.D	DB-624 0.18 (mm)
MB 240-130687/5		05/14/2014 23:25	1	UXJ8339.D	DB-624 0.18 (mm)
240-36937-3	MW044/050614	05/14/2014 23:48	1	UXJ8340.D	DB-624 0.18 (mm)
240-36937-6	MW041/050614	05/15/2014 00:12	1	UXJ8341.D	DB-624 0.18 (mm)
240-36937-7	MW001R/050614	05/15/2014 00:35	1	UXJ8342.D	DB-624 0.18 (mm)
240-36937-9	MW021A/050614	05/15/2014 00:58	1	UXJ8343.D	DB-624 0.18 (mm)
240-36937-10	MW030/050614	05/15/2014 01:22	1	UXJ8344.D	DB-624 0.18 (mm)
240-36937-11	MW025/050614	05/15/2014 01:45	1	UXJ8345.D	DB-624 0.18 (mm)
240-36937-12	TB01/050614	05/15/2014 02:08	1	UXJ8346.D	DB-624 0.18 (mm)
ZZZZZ		05/15/2014 02:32	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 02:55	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 03:18	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 03:42	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 04:05	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 04:28	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 04:52	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 05:15	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 05:38	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 06:02	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 06:25	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 06:48	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 07:12	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 07:35	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 07:59	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-36937-1

SDG No.: _____

Instrument ID: A3UX17 Start Date: 03/10/2014 12:55

Analysis Batch Number: 121946 End Date: 03/10/2014 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-121946/1		03/10/2014 12:55	1	BFB023.D	DB-624 0.18 (mm)
STD8260 240-121946/2 IC		03/10/2014 13:22	1	UXR1538.D	DB-624 0.18 (mm)
STD8260 240-121946/3 IC		03/10/2014 13:44	1	UXR1539.D	DB-624 0.18 (mm)
STD8260 240-121946/4 ICIS		03/10/2014 14:07	1	UXR1540.D	DB-624 0.18 (mm)
STD8260 240-121946/5 IC		03/10/2014 14:30	1	UXR1541.D	DB-624 0.18 (mm)
STD8260 240-121946/6 IC		03/10/2014 14:52	1	UXR1542.D	DB-624 0.18 (mm)
STD8260 240-121946/7 IC		03/10/2014 15:15	1	UXR1543.D	DB-624 0.18 (mm)
STDA9 240-121946/8 IC		03/10/2014 15:38	1	UXR1544.D	DB-624 0.18 (mm)
STDA9 240-121946/9 IC		03/10/2014 16:00	1	UXR1545.D	DB-624 0.18 (mm)
STDA9 240-121946/10 IC		03/10/2014 16:23	1	UXR1546.D	DB-624 0.18 (mm)
STDA9 240-121946/11 IC		03/10/2014 16:46	1	UXR1547.D	DB-624 0.18 (mm)
STDA9 240-121946/12 IC		03/10/2014 17:08	1	UXR1548.D	DB-624 0.18 (mm)
STDA9 240-121946/13 IC		03/10/2014 21:35	1	UXR1550.D	DB-624 0.18 (mm)
ICV 240-121946/14		03/10/2014 21:58	1	UXR1551.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica CantonJob No.: 240-36937-1

SDG No.:

Instrument ID: A3UX17Start Date: 05/15/2014 11:01Analysis Batch Number: 130826End Date: 05/15/2014 22:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-130826/1		05/15/2014 11:01	1	BFB136.D	DB-624 0.18 (mm)
CCVIS 240-130826/2		05/15/2014 11:29	1	UXR3386.D	DB-624 0.18 (mm)
CCV 240-130826/3		05/15/2014 11:52	1	UXR3387.D	DB-624 0.18 (mm)
LCS 240-130826/4		05/15/2014 12:15	1	UXR3388.D	DB-624 0.18 (mm)
MB 240-130826/6		05/15/2014 13:00	1	UXR3390.D	DB-624 0.18 (mm)
ZZZZZ		05/15/2014 13:42	2.86		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 14:05	10		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 14:28	3.33		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 14:50	3.33		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 15:13	2.5		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 16:21	1		DB-624 0.18 (mm)
240-36937-1	MW015BR/050614	05/15/2014 18:59	5	UXR3405.D	DB-624 0.18 (mm)
240-36937-2	MW015R/050614	05/15/2014 19:21	25	UXR3406.D	DB-624 0.18 (mm)
240-36937-4	MW031A/050614	05/15/2014 19:43	16.67	UXR3407.D	DB-624 0.18 (mm)
240-36937-5	MW031D/050614	05/15/2014 20:05	6.67	UXR3408.D	DB-624 0.18 (mm)
ZZZZZ		05/15/2014 20:27	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 20:50	1.67		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 21:12	5		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 21:34	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 21:57	1		DB-624 0.18 (mm)
ZZZZZ		05/15/2014 22:19	1		DB-624 0.18 (mm)

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS**



240-36937-Chain-of-Custody

Walter Maass - 60

TestAmerica Laboratory location:

Client Contact		Site Contact:		Lab Contact:	
Company Name: TLC Environmental Corp.	Client Project Manager: Chris Miller	Site Contact: Susan Hollis	Telephone: 513-235-4582	Lab Contact: P. Brown	Telephone: 062059
Address: 11231 Lowell Park Dr.	City/State/Zip: Cincinnati, OH 45245	Analysis Turnaround Time (in business days)		Analyses	
Phone: 513-489-2255	Email: END Millipore	TAT if different from below 5-7			
Project Name: END Millipore	Project Number: 21308303	<input type="checkbox"/> 3 weeks	<input type="checkbox"/> 2 weeks	<input type="checkbox"/> 1 week	<input type="checkbox"/> 2 days
PO #	Shipping/Tracking No:	<input type="checkbox"/> 1 day			
Sample Identification					
Sample Date	Sample Time	Air	Aqueous	Sediment	Solid
H2SO4				HNO3	HCl
ZnAc-NaOH				NaOH	Other:
Dipres.				ZnAc-NaOH	
Containers & Preservatives:					
Sample Specific Notes / Special Instructions:					
Filterable Sample/C / Grind/G					
Composite Sample (Y/N)					
Job/SIDG No:					
Walk-in Client: <input type="checkbox"/> Lab pickup: <input type="checkbox"/> Lab sampling: <input type="checkbox"/>					
For lab use only: <input type="checkbox"/>					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): <input type="checkbox"/> Disposal By Lab <input checked="" type="checkbox"/> Archive For _____ Months <input type="checkbox"/> Return to Client <input type="checkbox"/> Reclaimed by _____					
Special Instructions/QC Requirements & Comments: MCU-C Level IV					
Relinquished by: John H. Miller		Received by: Robert Morris		Company: TestAmerica	
Relinquished Date/Time: 5/16/14 9:20		Received Date/Time: 5/16/14 10:20		Company: TestAmerica	
Relinquished Date/Time: 5/16/14 9:20		Received Date/Time: 5/16/14 10:20		Company: TC	
Relinquished Date/Time: 5/16/14 9:20		Received Date/Time: 5/16/14 10:20		Company: TestAmerica	

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # 310937

Client <u>TRC Environmental Corp</u>	Site Name _____	Cooler unpacked by: <i>Robert Maggio</i>
Cooler Received on <u>5-7-14</u>	Opened on <u>5-7-14</u>	
FedEx: 1 st Grd Exp	UPS FAS Stetson	Client Drop Off TestAmerica Courier Other _____
TestAmerica Cooler # <u>No 4</u>	Foam Box Client Cooler Box Other _____	
Packing material used: <u>Bubble Wrap</u>	Foam Plastic Bag None	Other _____
COOLANT: <u>Wet Ice</u>	Blue Ice Dry Ice Water None	

1. Cooler temperature upon receipt
 IR GUN# A (CF +0 °C) Observed Cooler Temp. 48 °C Corrected Cooler Temp. 48 °C
 IR GUN# 4 (CF -1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C See Multiple
 IR GUN# 5 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C Cooler Form
 IR GUN# 8 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: *[Signature]*

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____